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# RINGS

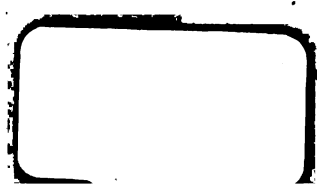
## O & B RINGS

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SUPERIOR BEAUTY,  
WORKMANSHIP,  
EXCLUSIVE DESIGNS

*The jewelers' circular and  
horological review*

971 MAIDEN LANE 103 STATE ST.







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LIPTON CUP PRESENTS  
From a








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# THE JEWELERS' CIRCULAR

THE HOROLOGICAL REVIEW,  
THE JEWELERS' WEEKLY.  
THE JEWELERS REVIEW

WITH WHICH ARE CONSOLIDATED



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THE JEWELERS' CIRCULAR PUB. CO.

Corbin Building, 11 John St., Corner Broadway, New York.

Entered as second-class matter at the  
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, AUGUST 6, 1902.

VOL. XLV. No. 1.

## AN ARTISTIC SILVER PRIZE FOR YACHT RACING.

THE magnificent yachting trophy presented by Sir Thomas Lipton to the Columbia Yacht Club, of Chicago, has been the subject of great interest in the west ever since it was presented to the Cup Committee of the club last June.

To fully appreciate the perfection and detail of the piece an inspection is necessary, though an idea of the trophy as a whole may be had from the illustration on this page.

The trophy, which was made in England, is generally in the form of a large vase, having for its handles two finely modeled winged figures exactly alike. In one hand of each is held a wreath of laurel and in the other a palm branch, typifying respectively, victory and good-will. The lid of the vase is surmounted by a representation of four prows of Roman galleys, while these, in turn, support a globe, on the top of which is perched a figure of the American eagle.

In the front of the vase is a panel surrounded by laurel wreaths and water lilies, showing a representation

of two yachts in full sail, executed in bold relief. The reverse of the cup (the

side shown in the illustration) has a similar panel containing the shield of the United States enameled in colors and surrounded by a wreath of laurel.

The stem and foot are decorated with water plants and laurel, and on the rim of the base is the inscription in large letters, "Sir Thomas J. Lipton, Competitive Cup, Instituted 1902."

The pedestal on which the piece rests is also a handsome work of art. It is of ebonized wood and on either side is mounted with a winged horse of silver, indicative of speed. At the front is a silver panel showing the flag of the Columbia Yacht Club in enamel, surrounded by the words, "Columbia Yacht Club, Chicago," while on back is a panel with the flag of Chicago in color. The lower portion of the pedestal is rounded silver base 34 1 in. high, 18 in. wide, in being engraved with names of the winners of the Sir

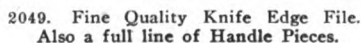


LIPTON CUP PRESENTED TO THE COLUMBIA YACHT CLUB.

From a photograph copyrighted 1902, by CRISTIE & WALKER.

(Cont)



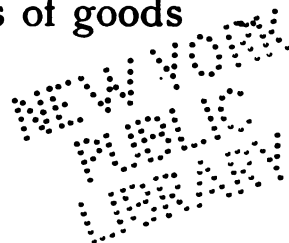




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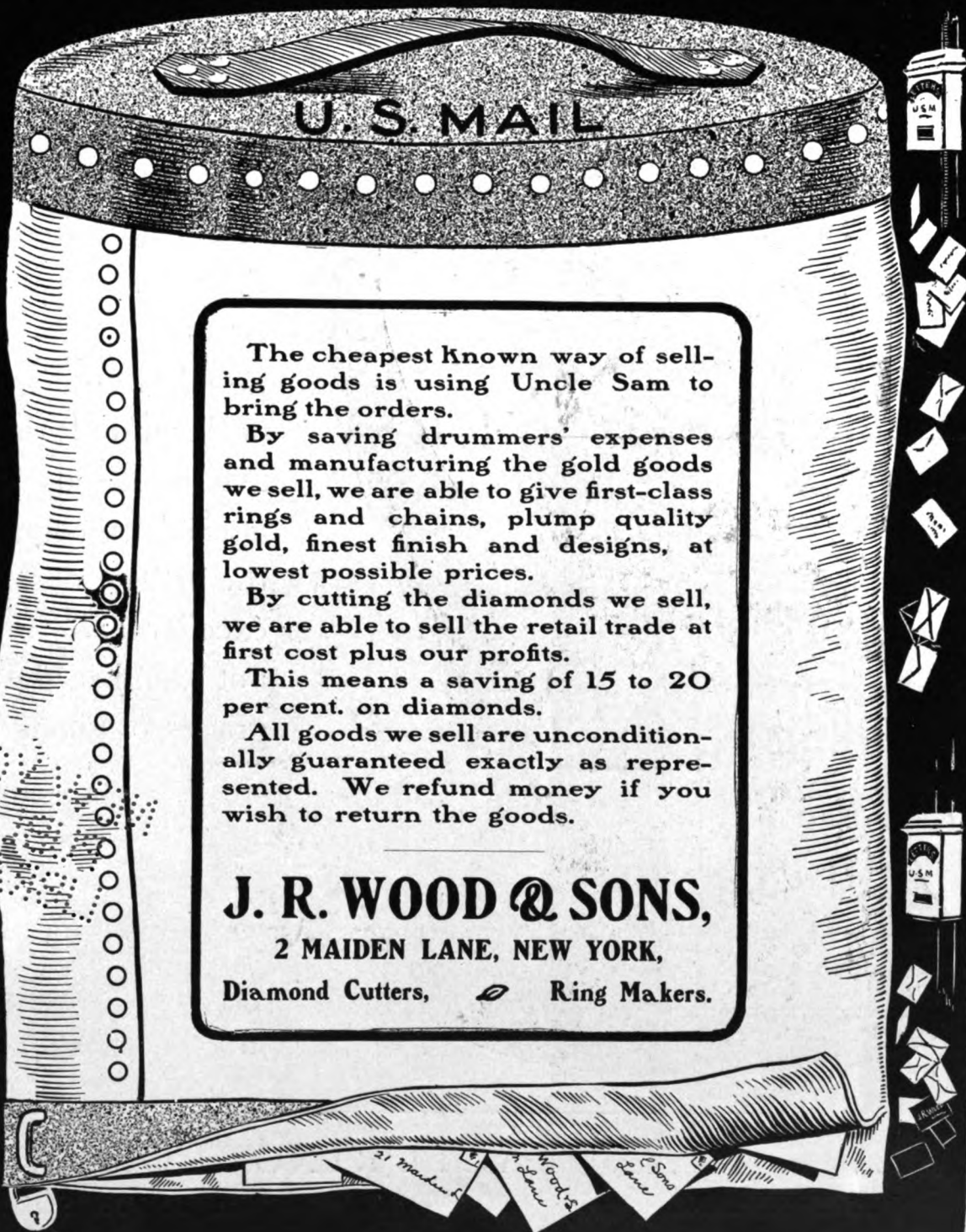
A constant demand for Alvin Deposit Ware has shown a continued popularity of this style of decorated glassware. Alvin Deposit Ware is easily recognized by the artistic designs and excellent workmanship not found in the poorer grades of goods.



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*Our*  
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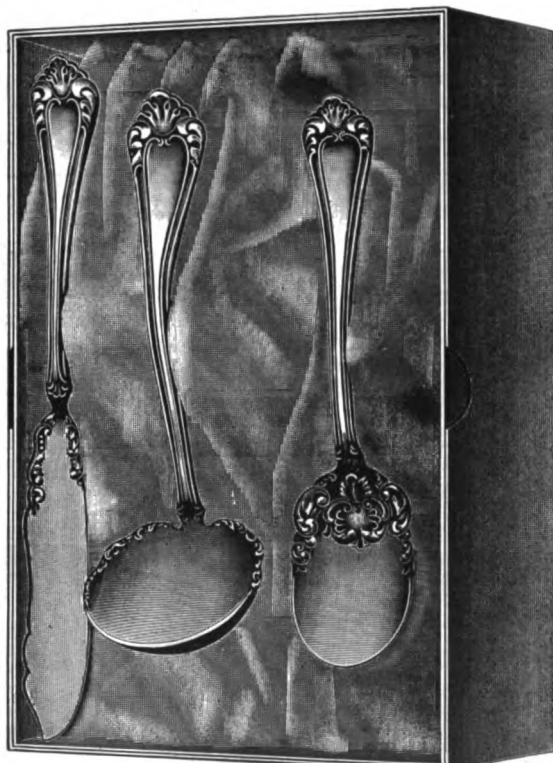
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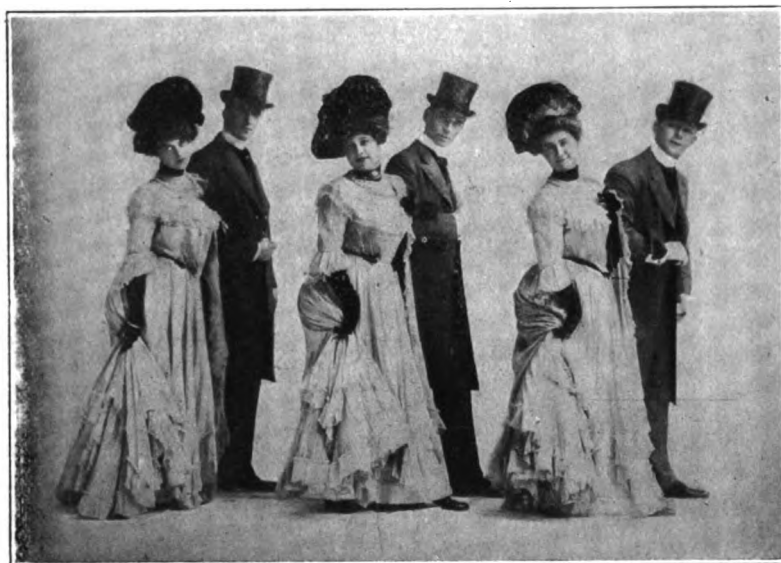
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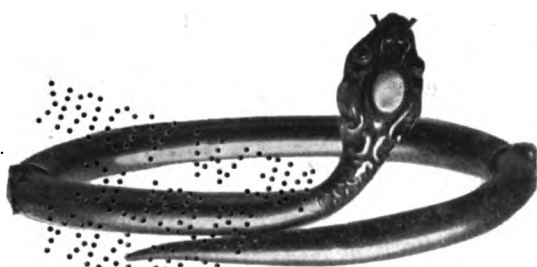
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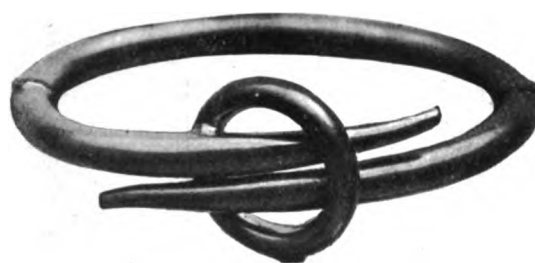
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We will admit that we made and sold more Solid Gold and Gold Filled Watch Cases during the past six months than ever before in the same period of time. The quantity, however, was only incidental, as our energies were all directed to improve the QUALITY of finish and design. The marked improvement in quality resulted in largely increased sales, thus proving that Quality makes Quantity. . . .

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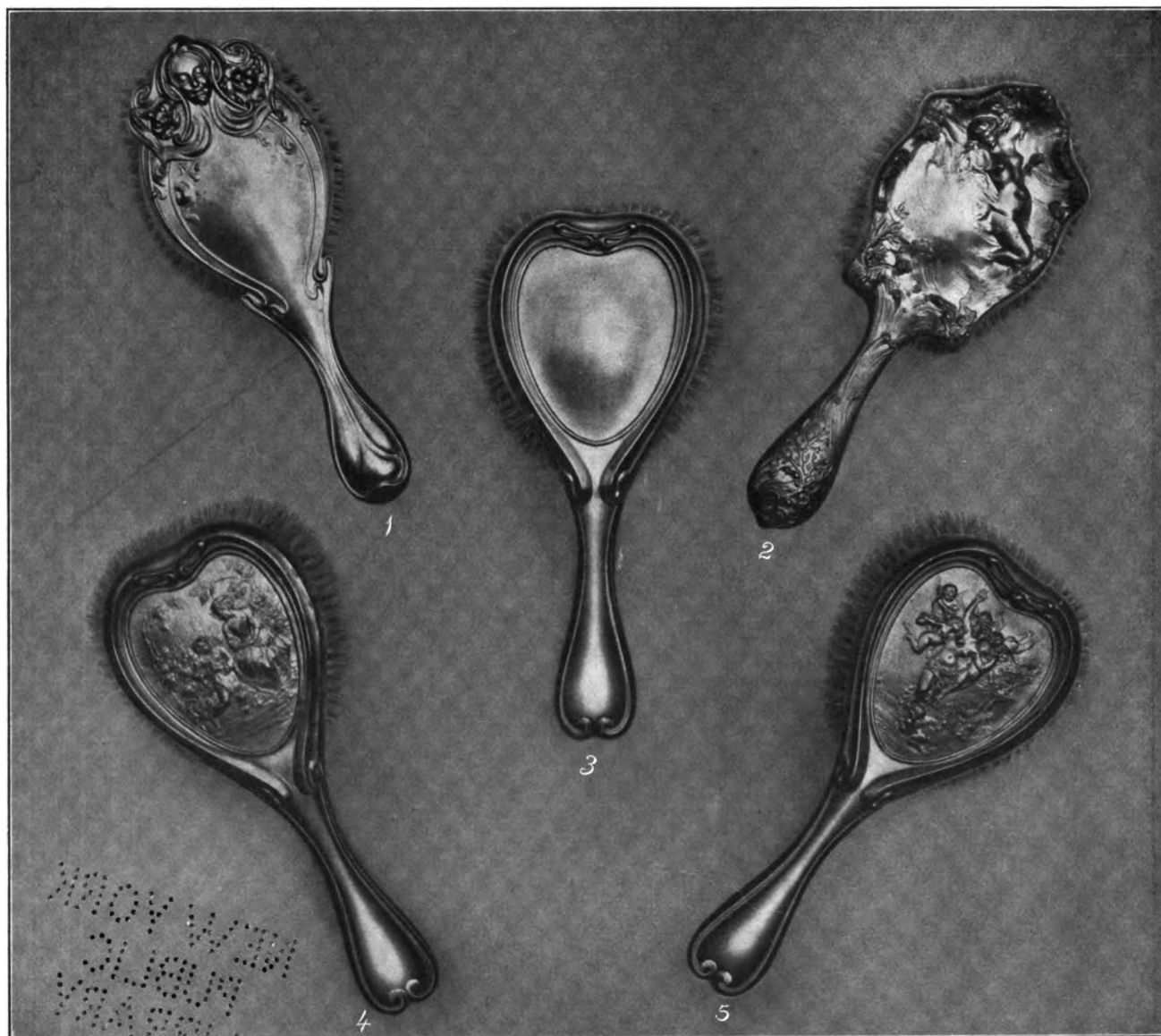
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August 6, 1902.

## THE JEWELERS' CIRCULAR—WEEKLY.

**Reigning Paris Fashions.**

PARIS, July 20.—The Summer season here is now at its height and the artistic exhibits of our leading jewelers stand forth in all their beauty.

Among many novelties which are in excellent taste pendants and sash buckles in the new art style should be cited. Figs. 1, 2 and 3 represent some of the newest and most attractive pendants. Fig. 1 is a charming piece of chased matt gold, adorned with baroque pearls, and representing an allegorical *motif* called "the pearl's birth." Fig. 2 is an effective pendant of matt gold and silver, representing a woman's head, handsomely chased, while Fig. 3 is also of chased matt gold, representing a lovely landscape on a background of green enamel.

Fig. 4 is an original sash buckle of oxidized silver. It consists of two medallions, enriched with brilliants and gathered together by an enormous emerald. The middle of each medallion is occupied by a libellula with outspread wings. These libel-

lulas have their bodies thickly studded with diamonds.

Delightful corsage ornaments are made of precious stones, namely, pearls, en-

Charming and costly ones consist of a single row of diamonds, more or less large, mounted on gold or platinum. Others consist of diamonds disposed in several rows or in



FIG. 1.



FIG. 2.



FIG. 3.

shrined in elegant mountings incrustated with brilliants.

Necklaces are still much in favor.

girandoles.

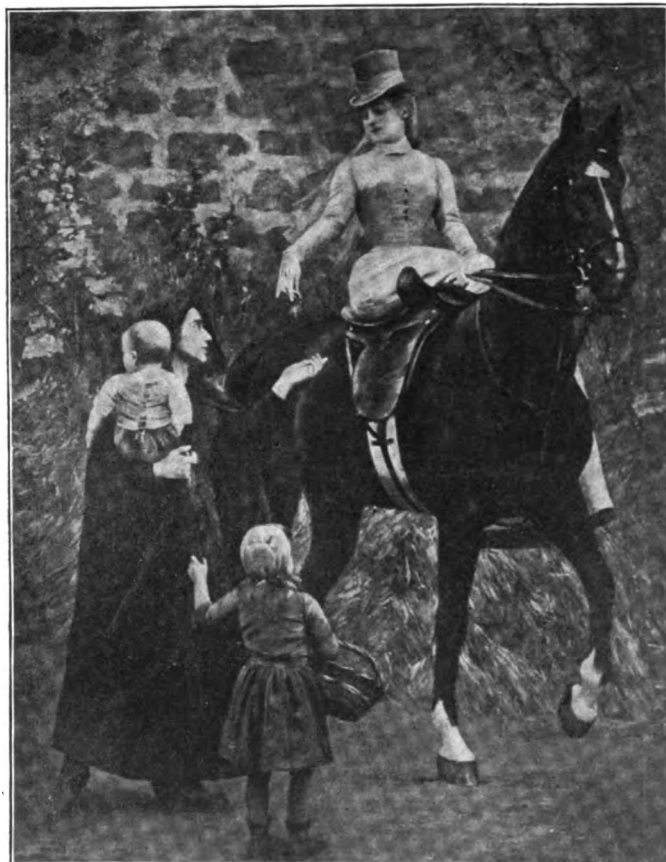
For evening wear, new and popular bracelets consist of a band of matt gold set

# Charity

is supposed to begin at home, but often begins nowhere, and that is just where it should begin and end in business. You don't want Charity; you don't expect Charity; and you don't get Charity. Charity is said to cover a multitude of sins. It certainly covers a multitude of business errors. If you buy less attractive goods than your competitor, but still keep on buying at the same old place because you like the salesmen, that is Charity on your part. If you are often disappointed because your orders are not promptly filled, and receive a very poor assortment in your memorandum packages, and you still continue to send your orders to the same slow old place, simply because you have been doing so for a long time, that is Charity, but you are not getting it. Any house that solicits your business for any but purely business reasons is asking Charity from you. We are not looking for Charity, and we do not believe you are.

We are Headquarters for

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Our stock is always the best; our service is prompt; and our watchword is, and always has been,—the best goods at the right prices in the quickest time.

*N. A. White & Co.*  
21 Maiden Lane  
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IT IS OUR ORIGINAL BUSINESS.

## COMPLETENESS

When such a term is applied to a ring line, it necessarily describes a big ring stock, and this term we can honestly apply to our line of rings, which comprises rings for men, women and children in both 14K. and 10K. gold. ♡ ♡ ♡ ♡

Forty years of ring making have taught us to make rings right, in design, construction and price. ♡

One of the characteristics of the L. E. & Co.'s line of rings is, Original Ideas and Patterns. Illustrations of this assertion will be forthcoming in this space in early issues. ♡ ♡



**LARTER, ELCOX & CO.,**  
21 & 23 MAIDEN LANE,  
NEW YORK, N. Y.

IT IS OUR ORIGINAL BUSINESS.

with large precious stones. Others, also very effective, are made of gold chains set with pearls or colored stones.

Artistic back combs are extensively shown. The superb pattern represented in Fig. 5 is of chased silver and its top is adorned with a dainty *motif* consisting of thistle foliage, enriched with a large amethyst.

Every variety of long chain is in high

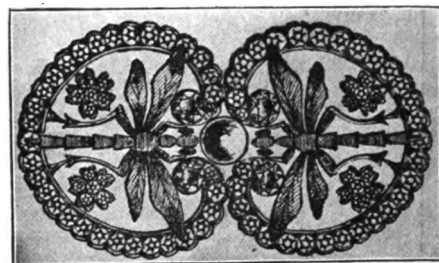


FIG. 4.

popularity just now. Among the latest creations in this line I will mention a beautiful chain of matt gold which, on either side, is adorned with a *motif* about 7 in. long and consisting of large balls of red enamel surrounded with diamonds.

Other popular *motifs* are much used in the ornamentation of long chains. They consist mostly of foliage, very delicately enameled or of bunches of grapes mingled with ancient jewels in the romantic style of 1830.

Charming neck chains of platinum are adorned with small daisies of brilliants al-

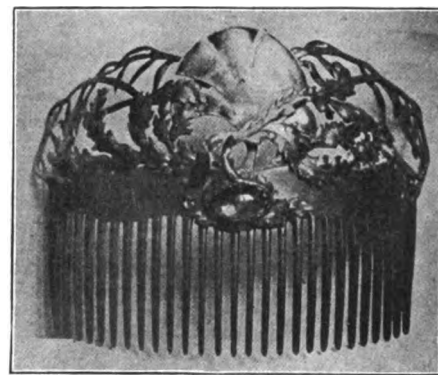


FIG. 5.

ternating with pearls. From these chains are suspended lovely pendants consisting of thin bands of platinum, heart shaped and adorned with daisies of diamonds. In the center of these pendants are beautiful monograms of diamonds.

In the way of rings is noticed a new and charming single novelty composed of a cluster of small sapphires, square shaped, the center of which is set with a fine Brazilian opal. These sapphires are mounted on a circle of matt gold elaborately chased.

Sunshade handles are both varied and delightful. One of the most popular patterns consists of a ball of rock crystal covered with a network of matt gold. Others which appeal to feminine taste consist of a crutch of matt gold encrusted with a foliage beautifully enameled.

A. L.



### Jewelry Clerk Robbed in His Home by Masked Burglars.

PITTSBURGH, Pa., July 30.—A. M. Andrews, employed by Heeren Bros. & Co. in their wholesale jewelry business, had a thrilling experience with burglars at his residence, 3222 Perrysville Ave., Allegheny, Monday night. He went down to the cellar at about 10.30 in the evening to see that everything was securely fastened about the house, before retiring, and just as he stepped into the cellar two masked men confronted him. One of them placed two ugly looking revolvers to his forehead and in a low tone commanded silence, while the other went through his clothes. The robbers secured \$140 in money, a \$100 watch, a \$50 chain, a diamond fob worth \$20 and a non-negotiable note for \$1,500.

After getting these articles the robbers demanded Andrews' diamond ring, which he wore upon his left hand. He told them he couldn't get it off on account of its fitting so tight. They tried to remove it, but were not successful and were forced to leave it on their victim's finger. The ring is valued at \$400.

Then the burglars told Mr. Andrews they wanted him to call his wife down in the cellar. He objected strenuously to this, and the robbers pressed the revolvers closer to his head, admonishing him to make no outcry to alarm his wife under penalty of having his head filled with cold lead. They insisted that they get upstairs and that Andrews get his wife into the cellar, but he answered, "Blaze away, but I won't attract my wife into this danger."

The ruffians spoke a few words of admiration for the young man's bravery and decided that they had secured enough and started to make their escape. Just as one of them was passing under a gas jet his mask fell off, giving Mr. Andrews a sight of his face. They hurriedly made their exit through the open door of the cellar and disappeared in the darkness.

Mr. Andrews thinks the men gained an entrance into the cellar during the afternoon and waited there until they thought the way was clear to ransack the house after the family had retired.

The robbery was reported to the Allegheny Police Department, and the officials are making a thorough investigation. Lieut. Kennedy said he saw two men answering the description given by Andrews near Andrews' house on Sunday evening, and Mr. Brehm, a jeweler at Grogan's, also saw two such men near the residence of Andrews on Sunday night.

Detectives T. C. Johnston and Frank Aiken are working on the case. The police are of the opinion that the robbery is the work of amateurs.

When the robbery was first made known it was reported that the robbers had forced Andrews to reveal the combination of Heeren Bros. & Co.'s safe, but this Mr. Andrews denied later, saying that if the robbers knew where he worked they did not mention the fact. They have not yet been captured.

G. L. Thompson, Norfolk, Va., has transferred his establishment from Liberty St. to Chestnut St., where he formerly did business.

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ESTABLISHED 1841.

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FACTORY, NEWARK, N. J.

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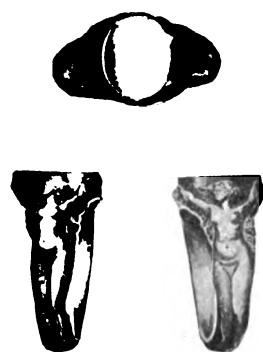
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EXPERTS IN MAKING MODERN TRAYS OF ALL KINDS AND FITTING UP STORES WITH TRAYS IN EBONY,  
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## Art Work in Gold is a Specialty with us.

A catalogue and price list of Signet Rings for  
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 IT LOCKS ITSELF AUTOMATICALLY WHEN YOU CLOSE  
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**COMBS**  
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Gold and Pearl  
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New Shape  
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 MANUFACTURERS OF  
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PAPER BOXES, TRAYS, CHESTS.

329-335 BROADWAY, BUFFALO, N. Y.

Estimates cheerfully furnished.

Samples on application.

### Death of John Edwin Parker.

MORRISTOWN, N. J., July 30.—John E. Parker, one of the most prominent merchants and the leading jeweler of this place, died suddenly at 6.45 A. M. yesterday, at his residence on Prospect St.

Mr. Parker's death was entirely unexpected, as he arose in the morning, apparently in the best of health. His wife was to take the 6 o'clock train from Morristown for a day's outing, and he accompanied her as far as the First Church, where she and her friends took the stage for the depot. Mr. Parker then returned to his home, and while reading one of his favorite books was suddenly stricken with pains.

His son, John B. C. Parker, went to his aid and sent for a physician, but before the doctor arrived Mr. Parker had passed away. Mrs. Parker was telegraphed for, and reached her home within a couple of hours.

John Edwin Parker was one of the most highly respected citizens of Morristown, and though an Englishman by birth, he had resided in this place since his childhood. He was born in Birmingham, England, Feb. 18, 1837, and was the son of John Parker. When about eight years old his parents located in Morristown and lived in Collinsville for a number of years.

When 15 years old Mr. Parker entered the employ of Geo. M. King, a jeweler on Park Place, and here remained for some time learning his trade. In 1854 he commenced business for himself as a jeweler, opening a store not far from the location of his present establishment, and built up his trade until he became the most prominent jeweler of the vicinity.

In 1865 Mr. Parker married Sarah M. Van Cleve, and his widow and two children, John B. C. Parker, manager of the jewelry business, and Mrs. E. P. Bloome, survive him.

Mr. Parker was a staunch Methodist and was prominent in the work of that church in his section, having filled every office with which his fellow members could honor him. At the time of his death he was steward in the church and taught a large Bible class. As a citizen he took a great interest in the affairs of his community, and though never taking an active part in politics, was nominated for Mayor on the Republican ticket in 1898.

Mr. Parker was also noted for his philanthropic work and contributed generously to the poor and to the charitable associations. He was a member of the Century Association, a director in the All Souls Hospital, an active member of the G. A. R., and was connected with other institutions and societies.


The funeral services will be held from his residence, Friday, at 2.30 P. M. The interment will be in Evergreen Cemetery.

Mr. Parker's business will be continued by his son.

Although 125 years old, a watch owned by a gentleman in Gloucestershire, England, still keeps excellent time. It was worn at Trafalgar, during the Peninsular War, at Waterloo, through the China War in 1840, and finally in the Indian Mutiny.



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The Original Triple Crown Filled Rings.



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**O. & B. RINGS**

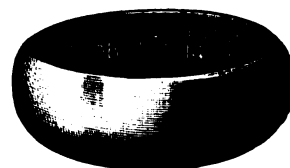
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Keep your eyes open and be wide awake if you want to get a hold of a good thing this fall. Our salesmen will call on you in a few days with a full line of Solid Gold Rings that cannot be excelled in finish or in appearance. One look at our line will convince you that there is one firm, who have their trade mark "DF" in every ring, whom you will patronize in the future. All goods guaranteed to be as represented.

## DATTELBAUM & FRIEDMAN,

### Makers of GOLD RINGS,

45 JOHN STREET,

NEW YORK.

### ELSIE BEE'S FASHIONS.

A LADY'S RAMBLES AMONG THE JEWELERS.

RED stones of ruby like aspect add richness to garter clasps.

A revived feeling for the monogram seems to manifest itself.

Shallow, wide crescents of pearls in many shades form uncommon pins.

Pleasing four leaved clover pins in green enamel have a pearl set in the center.

A sugar sifter in the quaint style of an old Dutch piece for that purpose adds an item of interest for table talk.

Pearls remain as popular as ever, in all their manifestations—perfect form, irregular shape, pure color and various tints.

A "fob guard" of gold chain is one of the conveniences brought out by the popularity of this fashion of wearing the watch.

The oval form seems to predominate in latest sleeve links and some very beautifully wrought gold ones are set with mismatched gems.

Fashion's fad for green does not decrease a whit and emeralds, peridots, chrysoprase and other stones in various shades of this hue are largely used.

Pewter finds one of its most striking uses in all sorts of vases, pitchers, steins, mugs and cups for prizes in golf, yachting and other sports.

The soft brightness of old pewter maintains its hold on popular affection and it almost appears that one of the newer finishes on table silver, vases and the like, is intended to simulate to some extent the peculiarly pleasing luster of the old metal that has been taken into favor again.

ELSIE BEE.

## The Bryant Rings.

Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



1540

Our Line of

## Signet Rings

is complete and merits attention.



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M. B. BRYANT & CO., 7 MAIDEN LANE, NEW YORK.





QUICK SELLERS.

EXCEL IN FINISH.

Manufactured in Gold, Sterling Silver  
and Gold Filled, by

**WAITE, THRESHER COMPANY,**

PROVIDENCE, R. I.

NEW YORK OFFICE, 7 MAIDEN LANE.



# FIVE YEARS AGO

we started the Hand-Carved Ring on its run for popular favor. It took immediately, has been increasing in popularity ever since, and to-day is in greater demand than ever.



3436

## OUR LINE IS STILL IN THE LEAD.

NEW DESIGNS FOR FALL TRADE.

### C. P. GOLDSMITH & CO.,

Manufacturers,

3343 GOLD STREET, NEW YORK.

### THE NEW INTERCHANGEABLE

## Initial and Photo Ring

Send for New Catalogue



### CHAS. M. LEVY,

Manufacturer of Rings, Lockets and Buttons,

Office, 90 WILLIAM ST., near Maiden Lane,

Factory, 30-32 Platt St., Telephone 750 A John, NEW YORK.

### Resolutions on the Death of Royal E. Robbins Passed by Various Bodies.

Boston, Mass., July 30.—The will of Royal Elisha Robbins, late treasurer of the American Waltham Watch Co., was filed yesterday for probate in the Suffolk Probate Registry. It contains no public bequests, the estate going to the family.

Royal and Reginald Robbins, sons of the testator, are named as executors. The will is dated July 7, 1897, and there are two codicils, one dated Jan. 24, 1900, and the other Oct. 18, 1900. Both relate to matters pertaining to the partnership in his business.

There were many resolutions on the death of Mr. Robbins passed by various organizations last week. The most important are here printed in full.

The Mayor and Aldermen of the City of Waltham, Mass., passed the following:

"In the mysterious movements of that Providence which determines the destinies of mankind and marks the limit of human existence, for reasons that finite sense cannot discover or grasp, but which to infinite wisdom are clear and unquestioned, we are called upon to record with sadness the death of Mr. Royal E. Robbins.

"It is but just to his memory and responsive to the promptings of our own hearts that we, representatives of the people of the city which his endeavor has made famous, should express in formal manner our sincere grief at his death, our warm appreciation of him as a man and our sympathy with those who, bound to him by ties of love and friendship, are stricken by his bereavement almost beyond the power of human strength to bear.

"In the death of Royal E. Robbins the city of Waltham has lost her greatest benefactor, the commonwealth a just and upright citizen, his associates a genial and whole-souled companion, one who in business and social relations endeared himself to all with whom he came in contact. He was one who by firm determination and constant painstaking effort made his humble calling of early life but a stepping stone to the fulfillment of higher aspirations.

"Mr. Robbins builded his own monument years ago in this city on the Charles river; he builded humbly, but the lustre of his work is now reflected a thousandfold in the mammoth industry whose fame is known to the world. While not a resident of this city many of her residents had come to know Mr. Robbins personally, and noted with constantly increasing pride his endeavors in her behalf as he strove onward and upward in his illustrious business career. That his title to fame and greatness is indisputable and secure need not be restated here, yet how modestly he bore the honors which occurred to him as the managing head of one of the world's greatest industries.

"He was kindhearted and sympathetic, gracious and gentle, and stood successfully the supreme test of character, disposition and personal worth. His life is an inspiration, and the influence of his character elevating, and will extend for good into the future.

"In the large sphere of his long life of usefulness in Massachusetts he not only won prominence and left endearing memories here, but he has reflected honor on the State of his adoption which has not been surpassed by that of her other distinguished sons. As a formal testimony of the

# The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

## J. B. BOWDEN & CO.,

1 Maiden Lane.

NEW YORK.



# UNTERMAYER-ROBBINS Co.

*To the Jobbing Trade:*

In addition to our extensive line of Set and Signet Rings, we are now showing a large and varied line of entirely new

**High Grade and Popular Priced Small Brilliant and Rose Diamond Combination Rings.**

We solicit comparison with other lines before placing your Fall orders.

## UNTERMAYER-ROBBINS CO.,

FACTORY,  
30 & 32 PLATT STREET, N. Y.

192 BROADWAY, NEW YORK.



**Do You See the Effect**  
of being tied to  
**Jobbers' Lines?**

**Buy**  
**Bassett Goods.**

*NOTHING LIKE THEM.*

### THE BASSETT JEWELRY CO.,

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
37 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
617 Lumber Exchange.



WEEKS, ADV.  
PHILA.



## TROPNY AND OUTING WATCHES,

Worn from the belt in the same way  
that Chatelaine Bags are worn.  
Send a trial order.

### New England Watch Co.

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

ACTUAL SIZE



SEND FOR  
SPECIAL  
BOOKLET

SHOWING  
OUR NINE  
STYLES.



great work Mr. Robbins has accomplished for this municipality, the commonwealth, the nation and the world, be it

"Resolved, That the Mayor and members of the Board of Aldermen of Waltham, recognize in Mr. Robbins's death the removal of one whose place cannot be easily filled, one whose interests in and for our loved city, whose aim was her up-building, whose sole energy that she might be beautified locally and her fame become the word of the world.

"Resolved, That in pursuance of the sorrow we feel at his demise, the portrait of the deceased which hangs in our council chamber be draped in mourning for 30 days; that a copy of these resolutions be forwarded to the family of the deceased, and spread upon the records of the city as our humble tribute to one who accomplished his life work well. To such a one no higher tribute can be paid."

The board also voted to close every department at noon Friday, in memory of Mr. Robbins. It was also decided that it was the sense of the city government that all manufacturing concerns and business houses should close on the day of the funeral.

The committee appointed by the employees of the American Waltham Watch Co. to take action regarding Mr. Robbins's death resolved as follows:

Whereas, It has pleased the Almighty, in His infinite wisdom, to take from our midst our benefactor and friend, Royal E. Robbins, and

"Whereas, The American Waltham Watch Co. has grown and developed under his guidance so that it stands to-day a monument of his sterling honesty, perseverance, and judicious management, and

"Whereas, We as employees of that great institution, as beneficiaries of one who was ever solicitous for our welfare, and whose many acts of kindness endeared him to the hearts of all, desire to express, if words can express, the great sorrow we feel at our own loss, as also the great loss which humanity sustains in the death of this great, this good man, be it

"Resolved, That we extend our heartfelt sympathies to the family and relatives of our deceased friend in this, their sad affliction; be it further

"Resolved, That a copy of these resolutions be sent to the family of deceased; that a copy be sent to the President of the American Waltham Watch Co., and that a copy be printed in the daily papers.

By the Foremen's Association the following was passed:

"The foremen of the American Waltham Watch

Co. desire to express to the family of the late Royal E. Robbins their sincere sorrow at his death.

"They have known his sincerity and integrity of character; have experienced his firm friendship, and have felt the kindly generosity which he has ever shown toward foreman and workman alike.

"Royal E. Robbins has been held, and always will be held, by us in high esteem, both as a man and as an employer.

"You have, at this time of your affliction, the heartfelt sympathy of each foreman."

The resolutions passed by the directors of the American Waltham Watch Co. read:

"We desire to record our deep sorrow and sense of loss in the death of Royal E. Robbins, our late fellow director, and the treasurer of this Corporation since its organization.

"The monument of his life in the commercial world is the great enterprise at Waltham whose foundation was largely due to his foresight and courage, and whose successful and unique career has been created through his administration.

"By his death we lose a strong personality, and the watchmaking industry of the country a commanding influence, both of which have been always exerted in directions and by methods wise, judicious and beneficial.

"We speak of our personal regard only to say that it was very high, as was that of all who were ever associated with him, a just and willing tribute to his high character and unusual abilities, and to the generous sympathy which he gave to friends and associates on all occasions.

"A copy of these resolutions is ordered to be spread upon the minutes and to be printed in the public newspapers, and a copy sent to the family."

Mr. Robbins's family were greatly touched by the sympathy shown by the people of Waltham, as individuals and in their corporate capacity, and on the return to Boston Robert Robbins had a conference with Mayor Clement and with Cemetery Commissioner Sawtelle, having in mind a possible purchase of a lot in Mt. Feake cemetery as a family lot and the removal of the remains of Mr. and Mrs. Royal E. Robbins to that location. The matter is yet under consideration.

Nelson A. Bero, Burlington, Vt., has purchased the jewelry business formerly conducted by the late Chester Hildreth.

## ESTABLISHED 1842 THE E. HOWARD CLOCK CO.

MAKERS OF

### TOWER CLOCKS

WATCHMAN'S CLOCKS  
OFFICE CLOCKS  
BANK CLOCKS

LIBRARY CLOCKS  
SCHOOL CLOCKS  
ASTRONOMICAL CLOCKS  
RAILROAD CLOCKS

CHURCH CLOCKS  
HALL CLOCKS  
MARINE CLOCKS

1 CLOCKS OF SPECIAL DESIGN AND ALSO THE FAMOUS

"E. HOWARD & CO. WATCHES"

BOSTON OFFICE, 403 WASHINGTON STREET

FACTORY, 206 EUSTIS ST. (ROXBURY DIST., BOSTON) NEW YORK OFFICE, 41 MAIDEN LANE

Chicago Office, 103 State St. R. B. REDFERN, Manager.

## 28 out of 45 PRIZES

were awarded to

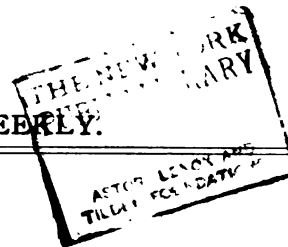
## PATEK, PHILIPPE & CO.

in the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.





KEYSTONE SOLID GOLD CASES

KEYSTONE EXTRA CASES

JAS. BOSS 14K. FILLED CASES

JAS. BOSS 10K. FILLED CASES

CYCLONE ROLLED PLATE CASES

KEYSTONE STERLING SILVER CASES

SILVEROID CASES

## *The Things Improved by Age*

There are some things which age improves. It improves wine. And wood. And friendship.

And reputation?

That depends. If the thing is the best of its kind, age will improve its reputation; if it is not worthy, it will suffer in reputation as time develops its unworthiness.

The reputation of Keystone products is highest in 1902, forty-nine years after the making of the first Jas. Boss Case.

THE KEYSTONE WATCH CASE CO.,  
19th and Brown Sts., Philadelphia.



## National Monthly Import and Export Statistics.

WASHINGTON, D. C., Aug. 1.—The records of the Treasury Department contain the following comparative statistics of interest to the jewelry trade for June, 1900 and 1901, and for the 12 months ending June, 1901:

IMPORTS.			
	June, 1901.	June, 1902.	(12 Months Ended)
	June, 1901.	June, 1902.	June, 1901. June, 1902.
Clocks and parts of.....	\$17,283	\$25,668	\$358,146 \$458,890
Watches, materials and movements.....	123,585	140,869	1,679,093 2,001,434
Diamonds, glaziers' diamonds, etc., unset; diamond dust or bort and watch jewels (free)....	156,827	558,772	6,574,630 6,154,858
Diamonds, n. e. s., not set (dutiable).....	1,418,511	1,568,266	11,680,823 12,732,670
Precious stones, rough or uncut (free).....	5,799	11,429	35,303 56,788
Precious stones and pearls, not set.....	230,958	375,342	2,134,980 4,403,919
Jewelry and manufactures of gold and silver.....	572,455	125,209	3,790,671 2,642,345
EXPORTS OF DOMESTIC MERCHANDISE.			
Clocks and parts.....	120,797	111,727	1,296,222 1,146,381
Watches and parts.....	82,523	65,249	1,044,529 998,109
Jewelry and manufactures of gold and silver....	72,245	100,278	1,229,672 1,338,347
Plated ware .....	35,196	68,842	517,208 595,626
EXPORTS OF FOREIGN MERCHANDISE.			
Clocks and parts.....	.....	3,475	561 3,631
Watches, materials and movements.....	147	3,099	678 3,183
Diamonds, rough, including miners', glaziers', etc. ....	.....	.....	4,844 .....
Diamonds, n. e. s. (dutiable).....	.....	62	4,173 68
Other precious stones, rough or uncut.....	.....	14,839	17,625 59,271
Jewelry and manufactures of gold and silver....	3,097	8,489	25,009 50,684

## Cleveland Police Arrest Man Charged With Robbing Elyria, O., Jeweler.

CLEVELAND, O., Aug. 1.—Arthur Leonard, of this city, was arrested, yesterday, at a base ball park by Detective Watt on the charge of having stolen diamond and pearl rings to the value of \$500 from the store of C. R. Bickford, Elyria, O., on May 24 last.

It is alleged that on the date specified a young man called at Bickford's store to look at some rings. Mr. Bickford took out a case containing 24 rings and was showing the goods to the man, who in a little while called his attention to something in the rear. While the jeweler's attention was attracted elsewhere, the man disappeared with the case.

Suspicion pointed to Leonard and a warrant was sworn out for his arrest, but for some reason he could not be found until a detective ran across him accidentally at the ball park. He has a police record and was out of the workhouse on parole.

Harry B. Meyers has discontinued his jewelry business in Medford, Ore.

# a thing of beauty

is a joy forever. A good watch movement encased in an **A.W.C.CO.** case is a source of constant gratification to its owner; and every time he draws it from his pocket it accomplishes more advertising for the jeweler who sold it than a pound of printer's ink. .. ..



American Watch Case Co.,

9-11-13 MAIDEN LANE, NEW YORK.



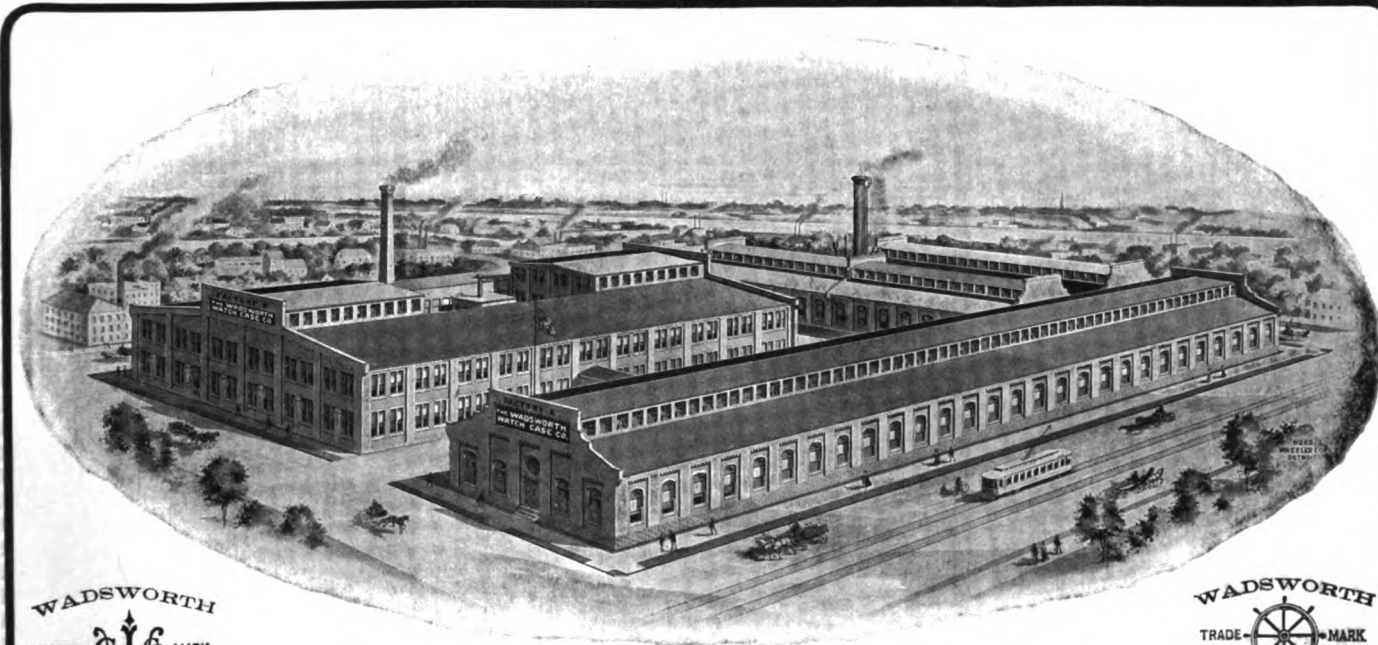
### Like a Circle

in the perfection of its parts  
and the harmony of the whole,

#### The Crown Filled Case

is also like a circle in that it  
"has no end" of admirers  
who appreciate the Good in  
the Beautiful.

PHILADELPHIA WATCH CASE CO.,  
RIVERSIDE, N. J.



**WADSWORTH**  
TRADE MARK

We have published a little book which is made up of illustrations—photographic views of interiors of these buildings—and shows the successive steps in the manufacture of

## Wadsworth Watch Cases

Few people realize the machinery and skilled labor that is necessary to turn out the modern watch case at the price for which it is sold to-day. This book will interest you. Write us and we will gladly send it by return mail. Our new line of cases for Fall trade is now in the hands of jobbers. Be sure you see them.

New York Office: 11 John St. **The Wadsworth Watch Case Co., General Offices, Dayton, Ky.** Chicago Office: Columbus Bldg.

**WADSWORTH**  
TRADE MARK



After it has  
been worn 19  
years

# The Royal

will still be good  
for another  
year's wear. ..  
There are 20  
full years of  
wear and beauty  
in this best and  
prettiest of all  
10K. Filled  
Cases. .. ..

Philadelphia  
Watch Case Co.,  
RIVERSIDE, N. J.

## The Diamond Markets.

ANTWERP, July 20.—Business is very quiet for the moment and it is certain that August will not make much change in this condition. The stock of m     is good, but large stones are very scarce, the demand continuing to be very strong.

If we had not received a visit from a number of foreign buyers business would have been very dull, this week. The following gentlemen were here: L. H. Davis, of B. H. Davis & Co., New York; Mr. Rosenzweig, New York; Einst Veldhausen, New York, and I. H. Case. These gentlemen made many offers on large goods. We had as German representatives Mr. Trier, of N. M. Oppenheim, Frankfurt-on-Main, and J. S. Ginsberg, Berlin.

It seems that the market in Germany is steady for diamonds, and that the exhibition in Dusseldorf has become a real success.

A diamond merchant of Amsterdam who arrived here reports that a box containing about 100,000 francs, diamonds, was stolen. He thinks that the theft was made in Eschen, while leaving the Custom House.

Several of our merchants are spending their holidays in Ostend and Blankenberghe.

LONDON, July 21.—For the past few days the diamond market has been slow. Sales made were few. This is due to the commencement of the holiday season, which makes business dull. A firm of Birmingham, however, has been buying large blue-white brilliants and Messrs. Bakes & Strauss have been sending orders to Antwerp and Amsterdam houses. Rough diamonds find few buyers this month, but when color and sizes are perfect purchasers are easily found.

The exact time for the coronation of King Edward VII. is not yet known, although

Aug. 9 has been set for the event to take place.

The "Coronation Bazaar," opened by Her Majesty, Queen Alexandra, for the benefit of a hospital for sick children, has produced during the exhibition of three days about £30,000, which sum exceeds all expectations.

Pearls are always very high and especially pear shaped varieties, which are much in demand. Turquoise are now bought by jewelers on a large scale.

PARIS, July 20.—This month is very quiet for business, but the situation in general is not worse than last year. North America is always sending orders for fine pearls. Brilliants and other stones are not moving so rapidly.

The trade in colored stones becomes more and more important and extraordinary prices are very often paid for fancy stones.

The financial condition of the diamond world is sound now and the last failures have been settled. It is reported here that the diamond polishers of Hanau addressed to the German Government a request to enact a law levying a tax of 10 per cent. on polished diamonds, in order to increase their salaries.

AMSTERDAM, July 20.—The market here continues to be quiet following the similar reports received from other precious stone centers. Summer months are always dull here.

The visits of the Americans to Europe help the market as they offer high prices on large fine brilliants.

As to the unemployed workmen in the diamond industry, their number increased last week to 700 or 800. There is not much work owing to the high rents for the mills and because confidence after the failures of last Winter has not fully returned.

**W. Green & Co.**

IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.

SUCCESSORS TO  
**GREEN BROS.**

MANUFACTURERS OF THE CELEBRATED

**IMPERIAL**

AMERICAN MAIN SPRINGS

REGISTERED TRADE MARK

OPTICAL GOODS,  
WATCH CHAINS,  
SILK GUARDS.

**WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.**

**6 MAIDEN LANE, NEW YORK.**

1st—Accurate and Rapid Filling of Orders  
2nd—Unlimited Stock.  
3rd—Right Prices.  
4th—Best Grade of Goods.

Increased business has compelled us to double our floor space. We are now better prepared than ever to fill orders accurately and rapidly.

**Our Cardinal Points:**

**Our Newly-Refitted Salesrooms:**

**MAIL ORDERS A SPECIALTY.**

This year we propose to do everything in our power to cement closer relations with business friends of many years' standing, and to make it to the interest of those who are not now our customers to become such.



# THE W. J. JOHNSTON COMPANY,

Fifth Avenue and Market Street, - - PITTSBURGH, PA.

**WE** will have ready for distribution about August 20th the most complete catalogue and price-list of American Watches ever issued. These will be sent by express, prepaid, to regular retail jewelers only, upon request and receipt of business card. . . . .

We take this method of distribution to prevent any copies of this book getting into the possession of persons who are not entitled to the same. . . . .

COMMANDER  
14 K  
GUARANTEED  
25 YEARS

ELGIN PRIDE  
ONE QUARTER 14 KARAT GOLD  
MADE LIKE SOLID GOLD CASES  
PERPETUAL GUARANTEE

GIANT  
14 K  
GUARANTEED  
20 YEARS

## Durability and Excellence

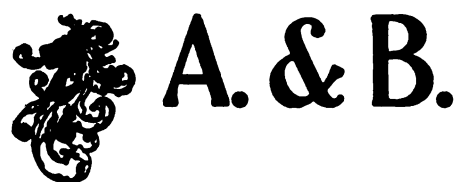
Combined in ELGIN PRIDE, 1-4 Gold, 14 Karat Case, guaranteed to wear as long as any Solid Gold Case, cost 1-4 the price. It has no equal for Railroad Wear and Tear. .. ..

UNIQUE DESIGNS.

PERPETUAL GUARANTEE.

**Illinois Watch Case Co., Elgin.**





# HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

### EVERY & BROWN,

68 Nassau St., New York.

#### Jeweler's Employee Robbed of a Package By a Clever Swindler.

New York jewelers are cautioned to beware of a young man about 20, tall, clean shaven and of simple and engaging disposition, who has been robbing jewelry employees.

One jeweler is out a considerable sum through the scheme of this man and the police are hunting for the swindler. The particular instance that brought the young man's scheme before the police was the trick perpetrated on Hymon Rosenkopsky, an employee of M. Crohn, manufacturer of diamond mountings and other jewelry at 48 Maiden Lane, New York.

Rosenkopsky was passing through Pearl St. when he was accosted by a stranger, who asked him if he would go on an errand for him. Rosenkopsky said he would. Then the young man gave him an envelope directed to an address on Reade St. He told Rosenkopsky that he should get a package and bring it to room 42 in the Wescott building, where he would meet him.

As Rosenkopsky took the envelope the young man told him that there was money in it and he would have to leave some deposit as security until he returned. Rosenkopsky happened to be carrying a package containing 50 dozen scarf pin safety guards, the property of M. Crohn, and the stranger said he would take that.

The address on Reade St. proved to be fictitious and when Rosenkopsky returned to room 42 in the Wescott building the people there knew nothing of the man who had

taken the package. Inquiries were made throughout the building and as far as learned nobody had known the stranger. Mr. Crohn immediately notified the police, but as yet they have been unable to identify the man who worked the game.

Jewelers should warn their messengers and employees against this man or any one using this method. It is believed that he has worked this game successfully in a number of instances. He always stops boys who come from jewelry establishments and who carry packages.

#### Receiver Appointed for Sumner & Risser In Suit by Creditor.

CLEVELAND, O., July 30.—Emil Abrecht has been appointed receiver for the firm of Sumner & Risser, dealers in jewelers' materials and tools, of 143 Euclid Ave., on the petition of the State Banking & Loan Co.

The allegations of the petition were to the effect that several judgments had been obtained against the firm for small amounts and against Mr. Sumner personally. The judgments are said to be for \$355, \$152 and \$163, respectively.

The receiver's bond was fixed at \$3,000 by the Common Pleas Court, in which the proceedings were brought.

A member of the firm stated to a CIRCULAR-WEEKLY reporter that he hoped to get the affairs straightened up within a short time and continue business, and that he thought he could do so from the present state of things.

# ROY



# ROY



# ROY



## Roy

watch cases are favor-  
ably known by particular  
people all over the  
globe. . . . .



# ROY

**Roy Watch Case Co.,  
21 MAIDEN LANE, N. Y.**

# ROY



MAKERS OF WATCH CASES IN SOLID GOLD ONLY.



# ROY



# ROY



# ROY



### August Dilsheimer Contests His Brother's Suit for a Receiver for the Firm.

PHILADELPHIA, Aug. 2.—The answer to the suit of his brother, Ferdinand Dilsheimer, for an accounting of their wholesale jewelry business at 510 Market St., was filed by August Dilsheimer in Common Pleas Court No. 4 yesterday. Ferdinand Dilsheimer had also asked the Court to appoint a receiver to manage the business in the future.

As reported in these columns last week, the two brothers, who are now involved in a bitter legal fight, have traded together under the firm name of Dilsheimer Bros. since 1873, sharing equally in the profits and losses. They were successful, and the profits were large. Bad feeling, however, was aroused recently by the accusations that each was taking an unfair advantage of the other. Threats and counter threats were made, and finally the bitter feeling culminated in the filing of a bill in equity in which Ferdinand Dilsheimer charged his brother, August, with gross mismanagement of the business and with unbusinesslike and insulting behavior in the presence of their employees.

All these charges August Dilsheimer yesterday denied. On the contrary he states that it was due to his skill, energy and care that the business prospered so well. He charges that Ferdinand appropriated the firm's securities, citing as an instance that he went to the safe on July 19 and removed certain bonds and stock, the property of the firm, and that he has since persistently refused to restore them. August Dilsheimer also insists that the partnership does not expire until Jan. 1, 1903, and he denies his brother's allegation that it will be impossible to continue it until that time.

For the purpose of enforcing upon him an immediate dissolution, it is stated, Ferdinand Dilsheimer has harassed and abused the respondent, applying opprobrious epithets and interfering with the assets of the co-partnership. Notwithstanding all the discord provoked by Ferdinand, August declares the business is now being conducted to the financial advantage of both, and that there is no need whatever for a dissolution, which at this time it is stated would result in loss to both litigants and cause numerous claims to be made on them by salesmen, clerks and other employees who are under contract until Jan. 1, 1903.

Efforts to agree upon terms of dissolution have failed, and each is determined to fight to the bitter end.

### Ira B. Wylie & Co. Dissolve and Sell Out Their Business.

SPRINGFIELD, O., July 30.—Directly after the application for a receiver of Ira B. Wylie & Co., jewelers at Main and Lime-stone Sts., was withdrawn by Ira B. Wylie, as published in THE CIRCULAR—WEEKLY of last week, the differences between the partners were practically ended by the dissolution of partnership and the sale of the stock to Julien G. Schwab, of Cincinnati.

The business will be continued for Mr. Schwab by Mr. Wylie, who will remain in charge of the store as manager.

L. A. Fox, a ring manufacturer, has discontinued his business in Carthage, Mo.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Krementz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

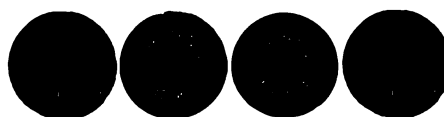
To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Krementz & Co., 49 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Krementz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Krementz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.



The "Anjou"



### An Artistic Silver Prize for Yacht Racing.

(Continued from page 1.)

ton's generosity to the Columbia Yacht Club, in presenting this cup, is greatly appreciated by the members, who believe that the trophy is bound to give a stimulus to racing events and the effect upon the development of the sport thereby will undoubtedly be so noticeable as to gratify the highest ambitions of the donor, as well as prove advantageous to the club which he so greatly honored.

The first race to determine what boat shall hold the cup occurred July, 4, 5 and 6. Under the terms of the gift the winner holds it until June 1 following, when the cup must be returned to the Columbia Yacht Club. The victor this year was Geo. R. Pears's yacht, *La Rita*.

### Tontine Diamond Company Cannot File Certificates of Incorporation in Michigan.

DETROIT, Mich., Aug. 3.—Secretary of State Fred M. Warner, yesterday refused to receive for record and filing, the articles of association of the Preferred Tontine Mercantile Co., of Kansas City, Mo. The Secretary is persuaded that this is another diamond contract concern, similar to the Detroit Tontine Co. and the New Jersey Tontine Co. The Kansas City concern purports to do a mercantile business.

The courts of Michigan have not yet passed upon the legality of these tontine concerns, although the matter is before the Supreme Court. Secretary Warner thinks they are against public policy and says he does not propose to accept their articles until the courts say he must do so.

### Death of Edwin Hirst.

WILMINGTON, Del., July 30.—Edwin Hirst, a watch and clock maker of this city, who was buried to-day at the St. Salem M. E. Cemetery, was one of the best known Odd Fellows in the country. Mr. Hirst died at the Delaware Hospital Sunday night, after three weeks' illness with typhoid malaria.

The deceased was born in Eaton-Norris, England, May 18, 1830, and came to Philadelphia when 18 years old. Early in life he learned the trade of machinist, and at the same time took up watch and clock making. In 1857 he went into the watch and clock business which he continued for the greater part of his life.

Mr. Hirst is survived by one daughter, Mrs. Florence N. H. Fisher.

### THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE, 75 CENTS.  
Jewelers' Circular Publishing Co., 11 John Street, New York.



**DEITSCH BROS.,**  
MAKERS OF FINE LEATHER GOODS,

ALSO

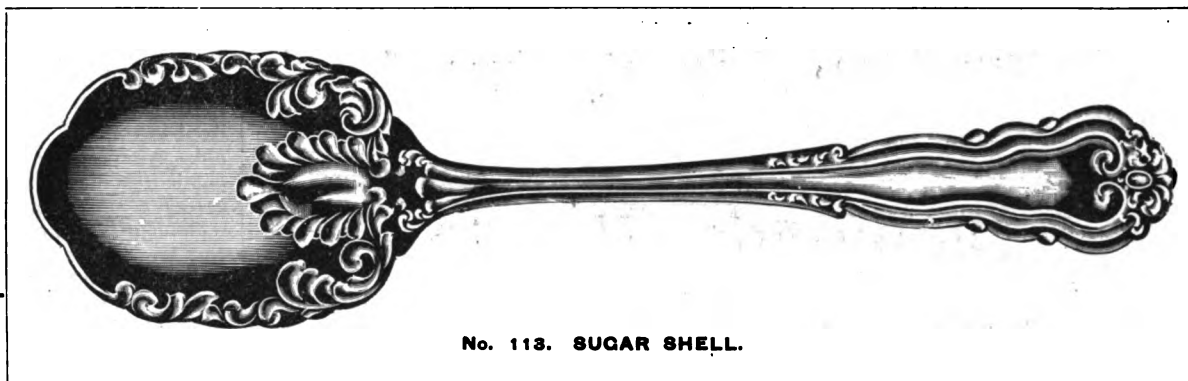
IVORY, EBONY AND SHELL,

14 East 17th Street,

NEW YORK.



# The Newest and Most Artistic Design in Flatware.



No. 113. SUGAR SHELL.



We manufacture the above pattern both in H. Plate and Triple Plate on a per cent. Nichel Silver Base.

This pattern comes in twenty different pieces, and is only one of the many designs of flatware we make. Write for our 800-page Catalog, showing our full line of Hollowware, Flatware and Novelties, both plated and sterling.

## M. S. Benedict Mfg. Co.

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INCLUDING: M. S. BENEDICT MFG. CO., HAMILTON MFG. CO.,  
BENEDICT-CLARK SILVER CO., BENEDICT-DUNN CO.

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Salesrooms: 409 Broadway, New York. 109 and 111 Wabash Ave., Chicago, Ill.  
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## WM S. HEDGES & CO.,

IMPORTERS OF

**Diamonds, other Precious Stones and Pearls.**

DIAMOND JEWELRY.

**170 Broadway, BROADWAY-MAIDEN LANE BUILDING, New York.**

20 Holborn Viaduct, London.

## Diamonds, Pearls

AND FINE COLORED STONES.

## FRED. W. LEWIS & CO.,

IMPORTERS AND CUTTERS,

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**John F. Saunders, Cutter and Importer of**

## DIAMONDS AND OTHER

FINE PEARLS A SPECIALTY.

**68 Nassau St. cor. John St., Sheldon Building, Room 16 NEW YORK.**

CHARLES L. POWER.

## CHARLES L. POWER & CO.,

CUTTERS AND IMPORTERS OF

**Diamonds, Rubies, Pearls, Emeralds, Sapphires,**

**170 Broadway, BROADWAY-MAIDEN LANE BUILDING, 2 Maiden Lane, NEW YORK.**

## SMITH & NORTH,

IMPORTERS OF

## DIAMONDS.

DEALERS IN

AMERICAN WATCHES AND FINE JEWELRY.

14 MAIDEN LANE, NEW YORK.

## MALLIET & MAXWELL,

### Diamond Cutters,

**14 MAIDEN LANE, NEW YORK.**

LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.

### Death of John C. Meyer.

NEW ORLEANS, La., July 30.—The funeral of John C. Meyer, head of the jewelry house of John C. Meyer & Sons, 1233 Decatur St., was held yesterday afternoon from his late residence, 544 Esplanade Ave. Mr. Meyer died on the evening of July 28.

The deceased, who was 67 years old, was one of the oldest jewelers, as well as one of the most prominent business men in New Orleans. He was born in Copenhagen, Denmark, in 1835, but was brought to New Orleans by his parents as a baby and had lived in this city since he was four months old. After receiving his education at the public schools he entered on his business career at 13, became a jeweler, and built up one of the finest trades of the south. Mr. Meyer was one of the first jewelers in the city to manufacture police and other badges for local officers.

About 45 years ago Mr. Meyer married Miss Wilhelmina C. Heckmann, who died about three years ago. The couple had two children, Albert L. Meyer, who was taken into partnership with his father in 1898, when the firm became John C. Meyer & Son, and Mrs. W. R. Taylor.

Mr. Meyer was a member of the Knights of Honor for a number of years and of other fraternal organizations. The deceased had been in ill health for three years, which confined him to his home. He became very ill a month ago and his death had been expected since that time.

The services held yesterday were conducted by the Rev. J. C. Barr, and the interment was in Metairie Cemetery.

### Death of William A. Creed.

BOSTON, Aug. 3.—The jewelry trade of this city heard with regret the news of the death at Vassalboro, Me., Saturday, of Wm. A. Creed, of the Creed & Kellogg Co., 109 Kingston St. Mr. Creed was one of the best known residents in East Weymouth and formerly resided in Dorchester until a year ago.

The deceased was 45 years old and leaves a wife and two daughters, who were with him at the time of his death. Mr. Creed and his family had been spending several weeks at Vassalboro and were to return Saturday.

Death is believed to have been caused by heart trouble, although Mr. Creed appeared in good health when he left for his vacation.

Mr. Creed was a prominent Mason, being a member of Corner Stone Lodge, F. and A. M., of Duxbury, Pentalpha Royal Arch Chapter and South Shore Commandery, K. T., of East Weymouth.

### Receiver for Hillelson Bros. to Sell Assets in Bulk.

TOLEDO, O., July 30.—Robert W. Barton, who has been appointed receiver for the wholesale jewelry firm of Hillelson Bros., 219 Spilzer building, is negotiating for a sale of the stock in bulk.

The receiver has advertised for sealed bids for the jewelry, silverware, clocks, etc., together with the safe, store furniture and office fixtures.

Bids must be received before Aug. 8, on which date they will be opened.



**Treasury Department Decides to Seize  
Mrs. Dulles's Necklace.**

The Treasury Department, Thursday, decided to seize the pearl necklace taken from Mrs. L. Harrison Dulles, of Philadelphia, who arrived from Europe on the *Kronprinz Wilhelm*, July 22. The full details of the seizure of the necklace were given in the last issue of THE CIRCULAR—WEEKLY.

There were 242 white pearls in the ornament, carefully graduated as to size, and the clasp was studded with a diamond.

Gen. George W. Mindil, the Jewelry Examiner, appraised the jewel at \$12,800, the purchase price.

The necklace was purchased in Paris and was taken from Mrs. Dulles by W. H. Theobald, a special agent of the Treasury, who knew of the purchase of the jewel in Europe. When the necklace was discovered Mrs. Dulles declared that she intended declaring it on the pier after consulting with her husband as to whether to value it at its purchase price—\$12,800—or to ask for an appraisal.

Collector Stranahan found there was a question as to whether Mrs. Dulles's intention to conceal the goods could be proven, as she had not started to leave the pier, and he referred the case to the Treasury Department for a ruling.

Proceedings for the remission of the forfeiture of the jewels will undoubtedly be begun in the United States District Court.

The Collector has not made any recommendation that criminal proceedings be instituted against Mrs. Dulles, and nothing more than a civil action will result.

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

**MOUNT & WOODHULL,**

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS.

IMPORTERS OF

**DIAMONDS,** ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦**OTHER PRECIOUS STONES,****PEARLS, ETC.** ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

MAKERS OF

**FINE  
DIAMOND  
JEWELRY.****26 Maiden Lane**

(Southwest Corner Nassau Street),

**NEW YORK.****PEARLS****AND RARE GEMS****IN DIAMONDS, EMERALDS, RUBIES, ETC.****ALFRED H. SMITH & CO.,****IMPORTERS,****182 BROADWAY, NEW YORK.****CHICAGO,  
103 State St.****LONDON,  
21 Holborn Viaduct.**



## PEARLS.

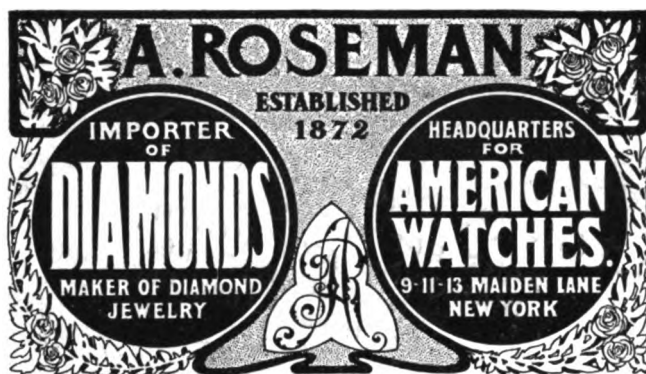
46 Westminster St., Providence, R. I.  
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**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

**IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.**



**DIAMONDS.**

**SAPPHIRES.**

**EMERALDS.**

**H. GATTLE,**

*Popular High Class Diamond Jewelry.*

**65 Nassau St., Prescott Bldg., New York.**

*Designs and Estimates Furnished.*

*Memorandum Orders Solicited.*

**RUBIES.**

**OPALS.**

**PEARLS.**

### Patent Commissioner Decides That Registered Labels Must Be Descriptive.

WASHINGTON, D. C., Aug. 1.—The Commissioner of Patents handed down a decision last week in the appeal of the Regina Music Box Co., sustaining the decision of the primary examiner, in refusing to register a label entitled "Regina" to be used for music boxes.

In this case it is admitted that the label presented for registration is an artistic production, but the registration had been refused because there was nothing about it which indicates that it is used on music boxes. The appellant contended that the statute had not defined what should be considered a label, whether it should be a picture or writing, whether it should be descriptive of the article to which it is affixed, or whether it might be a mere arbitrary design and that therefore the Commissioner must register a label though it may not be descriptive.

The Commissioner of Patents held, however, that a label to be registerable must not only possess artistic merits, but must be descriptive of the article for which it is used and declared that the alleged label in this case, although said by the applicant to be used for music boxes showed nothing in itself to indicate this.

The Commissioner held that it was merely an arbitrary ornamental design having the word "Regina" thereon, and might very properly be used as a trade-mark for various articles.

L. Cornelius, Prairie du Chien, Wis., recently purchased the double store stone block on Bluff St. known as the "Famichon property." Included in the deal is a large brick elevator in the rear, and a lot and barn fronting on Prairie St. Mr. Cornelius intends to take down the elevator, and use the brick, stone and timber in the construction of his new stores on Bluff St., west of the Garvey block.

# Oppenheimer Bros. & Veith,

*Cutters and Importers of Diamonds,  
Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NEVINS STS., BROOKLYN.



### Administrator of Jeweler's Estate Searching for Assets.

LAMONT, Mich., July 30.—John F. Donovan, of Milwaukee, who was recently appointed administrator of the estate of Henry D. Rogers, an eccentric watchmaker who died here a few weeks ago, has been making a thorough search for valuable assets which the deceased is supposed to have owned, but so far has been unsuccessful in his quest.

Mr. Rogers's estate was supposed to include a large amount of securities estimated to be over \$100,000. He was a bachelor and lived alone, and no one knows anything about his affairs. The administrator will continue his search through the Grand Rapids banks where the jeweler was supposed to have had a safety deposit box.

### Jeweler's Clerk Charged With Stealing Watches, Rings and Tools.

WILLIAMSPORT, Pa., July 30.—Jesse Sanborn, a jeweler, is held here in default of bail on a charge of stealing two gold watches and a gold ring, together with a kit of tools, from Kolb Bros., 23 E. 3d St.

Sanborn had been employed in the Kolb Bros. jewelry store for about four weeks and was arrested July 26 after it was discovered that a number of articles had been stolen from the store. The jewelers charged that the prisoner had pawned tools on other occasions, but had redeemed them. They alleged that all the stolen articles were pawned by Sanborn before his arrest.

Fans with a lorgnette attached have become quite popular in London and Paris, and have recently been introduced in this country by Ignatz Strauss & Co., 621 Broadway, New York. These fans are made in tortoise shell, ivory and ebony, and on account of their beauty will no doubt be in considerable demand among the better class of buyers. The same firm also has a large variety of small fans to be worn on long chains, the demand for these fans having become quite pronounced of late.

## EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

65 NASSAU STREET

(Prescott Building),

NEW YORK.

**"The  
Pearl  
House."**

## EISENMANN BROS.,

IMPORTERS OF

## FINE ORIENTAL PEARLS,

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 &amp; 23 MAIDEN LANE, N. Y.

## STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

CUTTING WORKS:  
138-142 West 14th St., N. Y.

68 Nassau St.,

NEW YORK.

CHICAGO,  
149 State Street.LONDON,  
29 Ely Place.

Importers of  
**Precious  
and  
Imitation  
Stones**

**K. Heller & Son**

Jewelers' Court  
51 MAIDEN LANE, NEW YORK.

Special:  
**PEARLS  
AND  
OPALS**

› A special feature of our business is filling special calls for Important and Rare Gems in Pearls, Diamonds and Colored Stones. We carry the largest Assortment of Loose Pearls in the trade and in addition a complete assortment of

## Pearl Necklaces, Collarettes, Ropes, Earrings and Studs.

Our Diamond stock is always kept up complete in all qualities and sizes.

**American Pearls and Baroques.**

Dealers ordering of us are put to no expense for insurance or expressage.

## JOSEPH FRANKEL'S SONS,

19-20 Holborn Viaduct, London.

TELEPHONE, 2733 JOHN.

66 Nassau Street, New York.



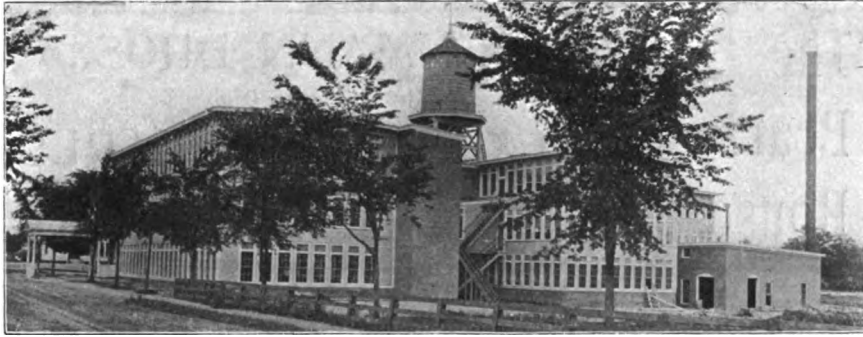
### Dedication of the New Factory of the Attleboro Mfg. Co.

ATTLEBORO, Mass., Aug. 4.—The large new factory of the Attleboro Mfg. Co. was dedicated Saturday afternoon with a reception given by the corporation to its employees, and to a few of the other manufacturing jewelers of Attleboro.

The Attleboro Mfg. Co. some time ago, finding its quarters in the Makepeace factory on Pine St. growing rapidly too small, determined to build, and this week will re-

The factory consists of a long section paralleling Hazel St., a second section at right angles, a third section running parallel to the first right across the second, and a fourth running as a continuation of the second. Roughly the form is an "H" with a continuation of the cross-piece.

The first floor of the building is given up to tool making and the heavier mechanical work, and to large storerooms. On the second floor will be the offices—a general office and a private office for the salesmen.



NEW FACTORY OF THE ATTLEBORO MFG. CO.

move its plant into its new factory on Hazel St.

The new building is one of the largest in town, and is constructed with an eye solely to the needs of its owners who will be its only occupants. In size, location, light, power, and in every essential detail, it is one of Attleboro's finest structures in the jewelry industry.

At the head of the stairs will be found a cashier's window, the bookkeeper's window and a window for miscellaneous inquiry.

In the same section will be the stone setting room and the packing room. From this section down through the cross-piece and extension of the H, will be the main working room of the factory. At its juncture with the north and south halls there

will be a thoroughly equipped office for Eben F. Wilde, the superintendent of the shop.

Each of the three floors will contain 15,000 square feet, making 45,000 to be occupied by the firm's entire plant. The distance around the edge of one of these floors is just a little over 1,000 feet.

Automatic sprinklers protect the shop from fire. Steam heat and steam power from a detached brick power house are used. A private gas plant provides light, while the shop is also wired for service from a steam and electric company in case of emergency.

There are three entrances and exits—one for the office, one for the packing room, and one for the factory proper.

The celebration Saturday afternoon was a highly social one. The employees and members of the company and other invited guests were all there, and in the spacious top floor, where the machinery is as yet not installed, they met to spend three gay hours.

Tasteful displays of palms and flowers relieved the bareness of the walls, and on a raised dias sat the Heywood orchestra. Dancing was the feature and Eben F. Wilde, the superintendent, was floor director, aided by Leon F. Crosby, Patrick M. Hurley and John J. Hodge.

### New Stores and Enterprises.

*(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading, "New York Notes.")*

E. N. Davis has opened a new jewelry store in Kent, O.

Allen J. Wise has opened a store on Main St., Elizabethtown, Pa.

Max H. Fischer, McKeesport, Pa., contemplates opening jewelry stores in Bridgeport, Conn., and in several other New England cities.

The Cream City Mfg. Co. of Milwaukee, Wis., was recently incorporated with a capital stock of \$6,000. The incorporators were Frank L. Dills, Martin A. Theil and Joseph Miotke.

The John Krank Jewelry Co., of Schenectady, has been incorporated with a capital of \$25,000. The directors are John Krank, Francis G. Krank and Eugene Gates, all of Schenectady.

C. N. Ober, Elizabethtown, Pa., who has been employed with Edwin E. Coble for a number of years, has embarked in business for himself and opened a place of business on South Market St.

The Boston Jewelry Co., Kittery, Me., has been incorporated with a capital of \$10,000. The officers of the company are C. C. Mellen, Braintree, Mass., president, and C. E. Buttermann, Boston, Mass., treasurer.

Hutchinson & Roberts have just established themselves in the jewelry business in Medford, Okla.

Albert G. Bomar has moved his stock of jewelry from the old location in Challis, Idaho, to Idaho Falls, Idaho.

C. C. Stevenson, Pittsburg, Kan., lately sustained an injury to his left thumb and is obliged to absent himself from his business office.

## Diamonds Colored Stones Pearls

Loose  
and  
Mounted.

A very complete stock of mounted diamonds, containing Rings, Brooches, Studs, Scarf Pins, Sleeve Buttons and Lockets, from the moderate-priced up to and including the very finest pieces. Selections sent on request.

**HAYDEN W. WHEELER & Co.,**  
**2 MAIDEN LANE, NEW YORK.**

Telephone, 8 Certlandt.

LONDON: 50 HOLBORN VIADUCT.



**Providence.****TRADE CONDITIONS.**

Toward the middle, or latter part of this month, the various salesmen will begin to pack their grips and prepare for a visit to their regular territories. The outlook for a good season is said to be bright and the manufacturers are anticipating good results from the trips of their representatives.

Articles of incorporation of the D. E. Makepeace Co. have been filed at the office of the Secretary of State. The incorporators are David E. Makepeace, Aldro A. French and Frederick E. Bodman, of Attleboro, and Harry B. Mead, of this city. The capital stock is \$100,000, according to the articles, and the concern will be located in this city. It is formed for the purpose of engaging in the business of manufacturing jewelry.

Frank T. Pearce, President of the New England Manufacturing Jewelers and Silversmiths' Association, has purchased the life saving craft that for years has done duty at the Point Judith Life Saving Station. It became unfitted for the use to which it had so long been put and was condemned by the Government. Mr. Pearce purchased it, and last week it was launched after being overhauled and fitted up as a launch. Mr. Pearce took down a party of friends to witness the launching, and the craft was formally christened the *Past Potentate* with due honor. After the launching there was provided a genuine "Rhode Island clam dinner."

Saturday afternoon the Falstaff Club held its annual outing at the Warwick Club. Many of the jewelers are members of the

Our Mr. V. Hirsh has recently returned from Amsterdam and Paris, where he made extensive purchases of

**Diamonds**

ALSO

**Colored Goods**

which are now arriving and which will be shown to the trade

**at Right Prices**

by Mr. Hyman, Mr. A. I. Mayer, and  
Mr. Milton Newitter.

**HIRSH & HYMAN,**

IMPORTERS AND CUTTERS OF DIAMONDS,  
40 MAIDEN LANE, NEW YORK.

**We Are Now**

showing an exceedingly large and well assorted stock  
in original lots, at prices to interest large buyers.

**ARNSTEIN BROS. & CO.**

*Importers and Cutters of*

**DIAMONDS**

NEW YORK,  
65 Nassau St.

LONDON,  
29 Ely Place.

AMSTERDAM,  
12 Tuip Straat.



**M**ANY progressive wide awake jewelers have already sampled the . . .

## ==NEW 6-SIZE== "FORTUNA"

and owing to the satisfaction they give, are reordering them. Why not place a sample order at once? They will please you also.



No. 800.—7 Jewels, Nickel Damaskeened, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open-Face without Second Hand when desired.)

Send for price-list.

We make other movements.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.

organization, of which Harry Saunders is President, and they were very much in evidence during the progress of the day's sport. E. M. Bixby, of the Bixby Silver Co., distinguished himself at third base, and incidentally furnished the neat prizes given the winners of the several events.

Arthur Ostby, superintendent of the Ostby & Barton Co.'s factory, is spending the Summer in Maine.

The Tilden-Thurber Co. and George H. Flint offered as prizes for the regatta of the Edgewood Yacht Club, Saturday, valuable cups of handsome design.

The jewelry plant of Brady & Toomey was sold at auction in lots to suit the purchaser Wednesday. Fair prices were obtained on most of the machinery and tools.

The condition of Mrs. O. C. Devereux, wife of the well-known manufacturing jeweler, who was compelled to undergo an operation for appendicitis, as chronicled in THE CIRCULAR-WEEKLY, last week, is satisfactory. Unless complications now unexpected develop, her ultimate recovery is simply a matter of time.

As a result of the meeting of the creditors of the L. Fitzgerald Co., at the office of Referee in Bankruptcy Chester W. Barrows, it was decided to have another meeting on Aug. 31 in order that some legal complications may be removed whereby it is thought an increase in the assets may be secured. These are now said to amount to about \$300, with liabilities of over \$9,000.

Marina Camale, who keeps a small jewelry store at 75 Spruce St., reported to the police last week that his place had been entered and property valued at \$33 taken. The stolen articles consist of one gold chain of Italian pattern, valued at \$9; one open-faced silver watch and one hunting case silver watch, both valued at \$12; four silver watch chains, valued at \$12. The police are working on the case.

As the result of a decree handed down Saturday in the Appellate Division of the Supreme Court, William C. Starkweather succeeds himself as permanent receiver of the J. W. Grant Chain Co. and J. W. Grant as well. Two-thirds of the stock was represented in the petition asking for a receivership for this concern. It was claimed that the company is insolvent. By the terms of the decree the receiver is given authority to convert the property into cash, to place the jewelry now in process of manufacture in such condition that it may be sold to the best advantage, and to expend not more than \$200 in expenses. Mr. Starkweather is also authorized to pay bills of the temporary receivers amounting to \$32 and to render them compensation of \$15. Notice will be given to creditors of the company on or before Sept. 1 to present claims. The chain company is represented by J. Jerome Hahn, as attorney.

### Plainville

Mr. and Mrs. F. B. Maintien are spending their vacation on Cape Cod.

W. S. Metcalf has started on a western trip in the interests of the Plainville Stock Co.

C. A. Whiting has gone on a short trip through the west in the interests of Whiting & Davis.

All the Plainville shops closed on Aug. 2 for one week, during which time the power plant will be overhauled.

The salesmen who represent Scofield, Melcher & Scofield are on their vacations and will not start out until later in the month.

Woodbury Melcher, of Scofield, Melcher & Scofield, received an electric shock while at his office during a severe thunder storm on July 29. Many other persons in the shops were similarly affected.

LEATHER COVERED VELVET & SATIN LINED

\$4.50 per Doz.

\$4.50 per Doz.

\$4.50 per Doz.

\$4.50 per Doz.

\$4.50 per Doz.

PAPER BOXES  
TRAYS  
TAGS  
COTTON  
FINDINGS

OUR NEW & UNIQUE DESIGNS  
DIRECT FROM EUROPE

**S. & A. BORGZINNER**

Send for 1 Dozen assorted for \$4.50 and be convinced of their value

82 and 84 Nassau St.  
New York.

\$4.50 per Doz.



**Attleboro.**

Ernest C. Bliss has bought out the interest of R. L. Colvin in the Colvin Mfg. Co., Providence.

H. Levetus, buyer for John Spires & Co., Birmingham, Eng., visited Attleboro last week and placed orders in the local offices.

All the J. M. Bates factories, all the Robinson factories, and the P. J. Cummings & Co. factory were closed last week and part of this.

R. Curtis Read, salesman for J. C. Cummings & Co., and H. E. Clap, of the Daggett & Clap Co., climbed Mt. Washington, N. H., last week, in an automobile.

Fred S. Ellis, head tool maker and machinist for Regnell, Bigney & Co., has the sympathy of the trade in the total destruction of his new and handsome dwelling by fire last week.

A. M. Rothschild, Chicago, whose suicide was reported in the press dispatches of last week, was a generous patron of Attleboro manufacturers, who knew him well personally in years past.

Winthrop F. Barden, of Chapman & Barden, Friday, sold seven houses, a business block, and eight lots of land aggregating 70,000 square feet in the heart of the town, to the What Cheer Investment Co., of Providence, R. I.

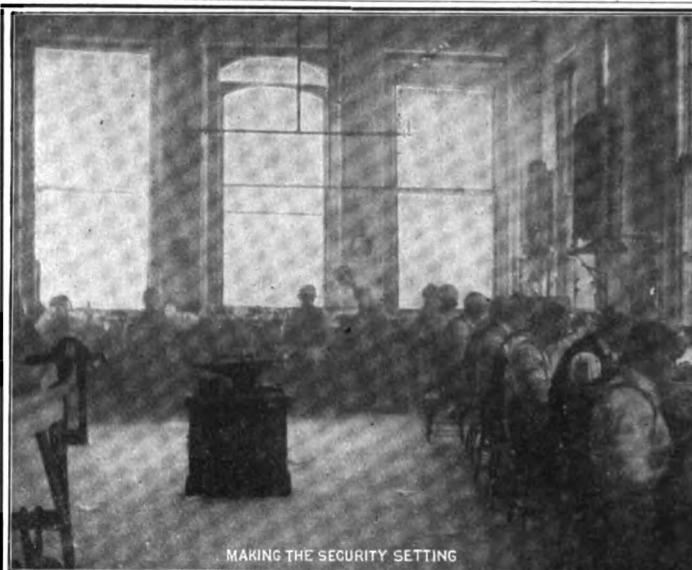
The press of the Attleboros copied THE CIRCULAR-WEEKLY'S interview last week on the subject of trade unionism among the jewelry operatives, and gave it favorable comment, stating that their own investigations had unearthed the same ideas.

Charles M. Robbins, of the Chas. M. Robbins Co., was the prime mover in a migration of Attleboroans to Cape Cod for "Old Home Week." Harwich, the largest town on the Cape had "Attleboro Day," and a special train bore Mr. Robbins's party. He was the leading speaker in the exercises in the town hall.

Harold E. Sweet, of the R. F. Simmons Co., distributed, last week, 2½ per cent. of \$9,000, the dividend earned by the corporation in the past six months, among the employes, on a graded basis proportionate to their responsibility and salary. This semi-annual profit-sharing is doing much to make a strong bond of good feeling between help and employers, and the result is a corporate pride which in the end means improved products and lessened cost of production.

The family of E. A. Fargo, of E. A. Fargo & Co., has returned from George's Mill, N. H. C. P. Keeler, of McRae & Keeler, and Willard E. Rounsville, of C. A. Marsh & Co., have opened Summer homes at Allerton, Mass. Charles H. Tappan, of the D. F. Briggs Co., and Charles H. Allen, of C. H. Allen & Co., have taken Summer cottages at Onset, Mass., for a month. Emmons D. Guild, of W. H. Wilmarth & Co., is taking a vacation at Waterville, Me. Edward P. Claflin, of Fontenau & Cook, has gone to Westboro, Mass., for a short visit.

The Attleboro jewelers are in receipt of circular letters from President David M. Perry, of the National Association of Manufacturers of the United States, urging



MAKING THE SECURITY SETTING



No. 58.

### The SECURITY MOUNTING, AN OPEN SETTING WITHOUT CLAMPS.

A narrow band of gold or platinum snugly encircles the stone, holding it firmly and safely in place. No points to catch or wear off.

Established 1865.

**SCHRADER-WITTSTEIN CO., MFG. JEWELERS,**  
103 STATE ST., CHICAGO. SOLE MAKERS AND PATENTEES.

Illustrated Price List and further particulars on application.  
Fully Covered by Patents. The Trade Warned Against Infringements.

HENRY FREUND.

LOUIS FREUND.

LOUIS COHN.

# HENRY FREUND & BRO.

IMPORTERS OF  
**DIAMONDS** **WATCHES** **JEWELRY**  
MANUFACTURERS OF

Elk Goods a Specialty.

## 9, 11 & 13 MADISON LANE,

New York, Aug. 6, 1902.

Mr. John A. Wideawake,  
Hustlerville, N. Y.

Dear Sir:

We presume it is your intention to come on again to New York this Summer or Fall, and we hope you will make your office with us. We are sure that the friendly relations which were so pleasantly established on your last visit here will be strengthened, and it will certainly be our endeavor to have them continue to be of the most agreeable and cordial nature.

From the manner in which you reordered our goods, we feel satisfied that you found them "Good Sellers," and you will convince yourself on inspection of our Fall line that it contains even more articles, which you will find it of advantage to carry. Our stock of loose diamonds is larger, and as our Mr. Henry Freund recently returned from Amsterdam after making extensive purchases, you will find prices right. In watches we carry a complete stock, as you know;—and our claim of being THE JEWELRY HOUSE is pretty well established.

Trusting to have the pleasure of seeing you at an early date, we remain,

Very truly yours,

HENRY FREUND &amp; BRO.



them to give voice, vote, influence and time to combat the proposed uniform eight-hour bill now before Congress.

Electric power has been installed in the two Makepeace factory buildings on Pine St., after an experiment with steam.

### North Attleboro.

The attempt to form a jewelers' union here has proved unsuccessful.

O. W. Clifford spent the week in New York on business for G. K. Webster.

The Robinsonville factories are being extensively improved by the Fallon estate.

John E. Tweedy returned to Cottage City Friday, after a short stop in town.

Selectman Albert Totten, of the old firm of Thomas Totten & Co., is at Parrisboro, N. S., on his vacation.

Daniel Chisholm, of the Bugbee & Niles Co., started Friday for a flying trip to the Rocky Mountains.

C. A. Warren, formerly of the C. A. Warren Co., is spending the Summer at Matunuck with his wife.

The Standard Enameling Co. has succeeded the late John J. Birmingham in the enameling business on East St.

Charles H. Clark, of W. G. Clark & Co., has returned from Green Hill, his Summer home, and will leave for the west soon.

A. H. Bliss & Co. expect to have two new touring cars out in a very few days. The cars will be able to make 60 miles an hour.

H. Levetus, American buyer for John

Spires & Co., Birmingham, Eng., was in town Saturday placing large orders with local factories.

The employees of the W. & S. Blackinton Co. have organized a base ball nine, and desire to play some of the Attleboro jewelry teams.

Local jewelers are seriously considering the use of hard wood as fuel in generating steam, as the coal strike has put the price of coal at a figure almost prohibitive.

Donald Le Stage, of H. D. Merritt & Co., will play behind the bat for the North Attleboro base ball nine in a big game with the Woonsocket team this month.

### Boston.

The executive committee of the Boston Jewelers' Club has arranged, through the courtesy of H. W. Patterson, of Smith, Patterson & Co., to hold the August meeting and dinner at the Point Shirley Club, Winthrop, on Tuesday, Aug. 12. Members are requested to meet at the B. B. & L. station for the 2.05 train, as carriages will be provided for the club upon arrival of that train. Other trains leave at 2.55 and 3.05 for Winthrop. Dinner will be served at 4 o'clock.

Walter Cobb, Jr., who was formerly in the jewelry business in Brockton, died, last week, at his home on Columbus Ave., Boston, after a long illness with tuberculosis of the throat. Mr. Cobb had been in feeble health for several years. He moved to Boston a year or more ago. The body was brought to Brockton for interment in Union Cemetery.

### Newark.

The will of Cyrus O. Baker, formerly a manufacturing jeweler, whose death was reported in THE CIRCULAR—WEEKLY, July 9, was filed for record in this city, July 29. In the will 38 bequests ranging in amounts from \$1,000 to \$60,000 are made to religious and charitable societies in memory of the deceased's mother and his brother, Daniel W. Baker, and are to be designated as the "Baker Memorial Fund." Among the other beneficiaries of the will is Edmund Clarence Stedman, the "Banker Poet," a life-long friend of Mr. Baker, who receives \$10,000.

An alleged swindler called on George J. Busch, 5 Springfield Ave., Wednesday, and attempted to utter a bogus note for \$350. A description of the man swindler was furnished to the police and an investigation shows that the stranger also tried to negotiate the note at the jewelry stores of J. Bell, 83 Springfield Ave., and Bernhard A. Sachs, 124 Springfield Ave. The police believe that the fellow made other attempts, but so far as is known nobody was swindled. The note was made payable in 30 days and the man stated that he would take \$50 out in trade. The jeweler refused to entertain the proposition. Similar stories were told by Jewelers Sachs and Bell. According to the description given to the police the fellow is about 40 years old, medium size, smooth face, prominent front teeth and mixed gray and black hair. He wore an extra large Panama hat, black alpaca coat and black trousers.



## An Important Notice.

If our representative does not call on you send for selection package. It will pay you to see our line before placing Holiday orders. . . .

## Keller Jewelry Mfg. Co.,

64 NASSAU STREET,  
NEW YORK.







**OUR TRAVELING**

Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their confreres.

Recent callers on the Columbus, O., trade, included: S. A. Burt, R. Wallace & Sons Mfg. Co.; W. L. Miller, The Miller Jewelry Co.; H. A. Tibbals, International Silver Co.; F. L. Baker, The Non-Retailing Co.; W. Strauss, Jacob Strauss & Sons; Jerome C. Cook, Champenois & Co.; William Seckels; J. T. Griffith, Jr., Carter, Howe & Co.; D. Skutch, New Haven Clock Co.; A. J. Augustin, Dennison Mfg. Co.

A. R. Katz, of A. R. Katz & Co., is due, this week, at Portland, Ore.

Herbert A. Reichmann, Joseph H. Fink & Co., New York, left, Wednesday, for the west.

Sam Zimmern, of Henry Zimmern & Co., is expected in San Francisco, Cal., very soon.

Leo Shupe, representing Charles Wathen & Co., Denver, Col., was in Albuquerque, N. M., a few days ago.

J. G. Clark, representing The Whiting Mfg. Co., just left Portland, Ore., after spending a few days with the trade.

Mr. Wingard, R. Wallace & Sons Co.; James, Stowe, Willmarth Corporation, and Mr. Epstein.

Illinois Watch Case Co., called upon the Toronto trade, last week.

All the travelers of the Chicago office of The Towle Mfg. Co., left, Monday, for their respective territories.

Joseph Leudan, with A. Eisenberg & Co., San Francisco, Cal., called upon the Portland, Ore., trade, last week.

The following eastern representatives were in St. Louis, last week: Alexander Weil, Corning Cut Glass Co.; Seymour W. Frolichstein, Frolichstein & England.

The following traveling men visited the Indianapolis, Ind., trade, last week: E. A. Tyler, Ansonia Clock Co.; W. Sumner Blackinton, W. & S. Blackinton Co.; H. E. Vincent, Simpson, Hall, Miller & Co.; H. F. Tourtellot, Waite, Thresher Co.; R. E. Creasey, The Arlington Co.; George A. Schaefer, Regnell, Bigney & Co.

Representatives of eastern houses who visited the Twin Cities, recently, were: J. A. Limbach, Theodore W. Foster & Bro. Co.; H. L. Stevenson, Meriden Britannia Co.; G. W. Payson, Seth Thomas Clock Co.; A. W. Levi, Arnstein Bros. & Co.; Mr. King, Queen City Silver Co.; W. F. Barker, R. Wallace & Sons Mfg. Co.

Among the representatives of wholesale houses who, recently, visited the trade in Detroit, Mich., were: A. J. Sherrard, Enos Richardson & Co.; W. H. Bryant, T. G. Hawkes & Co.; H. Freund, Henry Freund & Co.; H. D. Cretcher, Hayden W. Wheeler & Co.; L. E. Smith, M. B. Bryant & Co.; C. A. Weidemann, T. B. Clark & Co.; Mr. McClannin, Wilcox Silver Plate Co.

The San Francisco trade was visited, last week, by the following travelers: I. Eisenbach, Reeves & Brown; Sig Goldsmith, A. Goldsmith & Son; John Jepson, Riker Bros.; E. Ledos, The Ledos Mfg. Co.; J. B. Ettinger, Gattle, Ettinger & Hammel; Thomas H. Ryland, The La Pierre Mfg. Co.; Frank I. Locklin, Barton & Co.; Irving Clark, Whiting Mfg. Co.; Sam Levy, L. & M. Kahn & Co.; Sol Kaiser, Louis Strasburger's Sons & Co.; and D. Untermyer, Charles Keller & Co.

The following traveling representatives of eastern houses visited Kansas City, Mo., last week: W. R. Hammond, J. F. Fradley & Co.; A. M. Shepard, F. H. Noble & Co.; O. A. Schneider, Hammel, Riglander & Co.; C. S. Raymond, F. C.

Steinmann & Co.; W. A. Moore, F. W. Gesswein & Co.; George Brenning, Dennison Mfg. Co.; Carl Bergfried, Graef & Schmidt; W. S. Dudley, Rogers, Smith & Co.; R. H. Sibley, Sloan & Co.; Charles Schleiser, Charles L. Trout & Co.; J. M. Horbert, S. L. & G. H. Rogers Co.; A. J. Sherrard, Enos Richardson & Co.; M. Bernheim, Woodside Sterling Co.

Among the travelers in Pittsburgh, last week, were the following: C. T. Daugherty, W. L. Sexton & Co.; L. Lewis, Morris, Prager & Co.; C. B. Bartlett, Whiting Mfg. Co.; E. A. Reed, Reed & Barton; Mr. Anderson, Alsop Bros. & Co.; Mr. Hudson, Hudson & Co.; E. C. Delmar, Ansonia Clock Co.; Horace W. Sherrill, Sinnerock & Sherrill; N. Shiman, of Shiman Bros.; W. H. Race, International Silver Co.; A. Weiss, J. J. Cohn; Abel King, I. Emrich & Co.; D. A. Davidson, Wallace & Schiele; C. A. Hulstrom, International Silver Co.; Jules Franklin, L. Tannenbaum & Co.; R. H. Drew, Parks Bros. & Rogers; H. F. Tourtellot, Waite, Thresher Co.; J. T. Griffith, Jr., Carter, Howe & Co.; Harry C. Alder, Jerome C. Alder; Frank E. Whitmarsh, Alvin Mfg. Co.

### Jeweler and Publisher Reports He Was Robbed of a Tray of Watches.

BUFFALO, N. Y., Aug. 1.—Fred Schmidt, a publisher, and who says he also deals in jewelry and watches, reported to the police last week that he had been robbed of a tray of watches worth \$150.

Schmidt employs canvassers in his publishing business, which he conducts in the same place as his jewelry store, and says he believes that the robbery was committed by two men whom he employed early in the day. The canvassers have not reported to Mr. Schmidt since the robbery, and he does not know their names.

A description of the men has been furnished to the police.

# Mechanical Die Cutting Machine

**FOR MANUFACTURING JEWELERS,  
SILVERSMITHS AND DIE CUTTERS.**

**It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.**



ON EXHIBITION AT

**DEITSCH BROS.,**

**14 East 17th Street,**

**NEW YORK.**



## Brooches and Brooches.



ALL KINDS OF  
**BROOCHES.**

ALSO  
**Links, Scarfs  
and Locketts.**

If you are short in these items  
SEND FOR SELECTION.

*Leys Christie & Co*  
MANUFACTURERS



Trade Mark.

**65 NASSAU ST.,  
NEW YORK.**

## Jewelers' Show Cases.



Our Small  
ROSEWOOD  
MOULDING

**STEEL LINED CASE.**

We Challenge the World to Produce a  
Better Case.

**F. O. JORGESON & CO.**

31 and 33 INDIANA ST., CHICAGO,  
Makers of all Kinds of

**Jewelers' Fixtures.**

OUR MOTTO: The Best of Everything.

**Charles M. Prior,**  
**DESIGNER.**

Original Designs for Sterling Silver.  
Fine Etching.

1685 Madison Ave., - New York.

## Philadelphia.

J. B. Robertson, with L. C. Reisner & Co., is spending a vacation at Wildwood, N. J.

T. W. Gurley, Meyersdale, Pa., and family, are registered at the Brexton, Atlantic City.

Charles Herder and Chas. Hecker, jobbers, have returned from a midsummer outing.

Richard N. Summers, a West Philadelphia jeweler, was rescued from drowning at Cape May, last week.

Daniel Riggs, of Riggs & Bro., has returned from Ashbury Park with his wife, who has been seriously ill.

James Bathgate, jewelry buyer for Strawbridge & Clothier, has returned from a business trip to New York.

Bailey, Banks & Biddle Co. have the contract for the prizes for the floral parade at Atlantic City, next week.

Geo. W. Russell has thoroughly renovated the large clock on the pavement in front of his store, 22 N. 6th St.

John Sackett has resigned his position with Peter L. Krider Co., silversmiths, and has gone to Long Island for a prolonged holiday.

The 200 gold beaters employed in the Cape May factory of Hastings & Co., of this city, have refused to join the Philadelphia strikers.

Thomas Mills, jewelry salesman for Strawbridge & Clothier, who was seriously injured some weeks ago, returned to business Monday.

Henry Bennett, watchmaker, has resigned his position with W. Fenimore & Co., and gone west for a pleasure trip. After his return he will locate in Pittsburgh.

James Horstman, for many years a manufacturing jeweler at 727 Sansom St., and widely known in the local trade, died after a prolonged illness, Monday, July 28, at his home, 1856 Woodstock St. He was engaged in business with James Barry.

Robert Goff, a 16-year-old lad who had been picked up in this city as a runaway, when arraigned last week confessed to having robbed the jewelry store of B. E. Aarons, in Pittsburgh, Pa., of \$42.50 in cash. He is being held to await the action of the Pittsburgh police.

Horace M. Shortlidge, who died at his home at 1818 Master St., in this city, July 29, for many years represented the Meriden Britannia Co. He was a sufferer from rheumatism and typhoid fever; his end was hastened by business troubles. He was a member of the Society of Friends and

widely known in social circles. He leaves a widow, Mrs. Emma Shortlidge, but no children.

## Canada Notes.

### TRADE CONDITIONS.

The most noteworthy feature of the trade recently is the active demand for souvenirs, the long-delayed tide of Summer travel having now fairly set in. Reports from the principal centers of attraction are very favorable. Manufacturing in all branches is brisk, but there is considerable apprehension of extended labor troubles shortly, the recent strike in two shops being regarded as merely a preliminary to a general fight for recognition of the Jewelry Workers' Union. This body is steadily perfecting its organization and growing in strength, Toronto being now represented on the International Executive Board, and it is anticipated that before long they will put up a strong fight to unionize all the factories.

Out-of-town buyers calling on the Toronto houses last week included: E. H. Williams, Barrie; F. H. Haight, Barrie; H. G. Armstrong, Lucknow.

A noticeable result of continued good times has been a marked revival of the jewelry peddling industry, the supply of which now forms an important factor of the Toronto trade. The Hebrews who formerly had almost a monopoly of the peddling business are meeting with keen competition from the Syrians, of whom there is a large colony in Toronto.

I. Prager, diamond and pearl merchant, Paris, France, was in Toronto last week, accompanied by his wife, on his way home after a tour round the world for nine months. He spent considerable time in China, Japan and Corea, making a specialty of gems of a fine or curious character. This is his first visit to Canada, where he is endeavoring to open up a connection. He leaves shortly for Europe via Montreal.

## Columbus.

Joseph C. Goodman returned from a six weeks' wedding trip last week.

E. J. Goodman leaves, this week, for his vacation, which he will spend at Saratoga and Kaaterskill, N. Y.

Bandmaster Frederick Phinney, a connoisseur in gems, added to his collection last week a fine ruby with a blue diamond set on either side in a ring. The ring has attracted considerable attention in the display window of the Bonnet & Ross Co.

Ernest Thornberg, Cannon Falls, Minn., has retired from the jewelry business there and will take up the study of optics at Red Wing, Minn. Casper Wohlfahrt succeeds to the business.

# SCHULZ & RUDOLPH,

IMPORTERS OF

## Diamonds and other Precious Stones.

SOLE AGENTS FOR

## JULES JÜRGENSEN WATCHES.

28 John Street and 65 Nassau Street, - New York.



**Atlanta, Ga.**

William W. St. John, Roswell, Ga., was in town last week.

Henry Schaul, of Schaul & May, has returned from the north.

Mrs. E. J. Kelley, who is now at 23 Whitehall St., will move into the store vacated by C. W. Crankshaw, and Julius R. Watts & Co. will remove from their old stand, 7 W. Alabama St., to Mrs. E. J. Kelley's present quarters.

G. D. Chare, a well known watchmaker, was arrested Aug. 2 for pawning a watch he had received to repair. He does not deny pawning the watch, but says he intended redeeming it before the owner called for it.

F. J. Stilson and wife have issued invitations for the marriage of their daughter, Edna, to J. W. Bailey, of this city. The wedding will take place at the Stilson mansion on West Peachtree St., Tuesday evening, Aug. 12, at 8.30 o'clock.

Charles W. Crankshaw, who has been occupying the store at 55 Whitehall St., pending the completion of the new 20th Century building, in which he has leased quarters, intends to remove temporarily to 37 Whitehall St. This removal is made necessary by the expiration of his lease at 55 Whitehall St. and the failure of the contractors to have his new store ready for occupancy on the stipulated date, Sept. 10.

**Tariff Decisions & Regulations.**

The Board of Classification of the United States General Appraisers last week overruled the protest of the Spencer Lens Co., of Rochester, N. Y., on merchandise consisting of certain optical glass which was returned by the local appraiser at Buffalo as polished plate glass not exceeding 16 x 24 inches square, dutiable at 8 per cent. per sq. ft., in paragraph 104 of the Tariff Act of July, 1897, and which was assessed accordingly.

The importers protest was claimed by the Board to be framed in somewhat indefinite language, but it seemed to refer to paragraph 565 of the Tariff Act of 1897, which is a "free list," and which reads as follows: "Glass plates or discs, rough cut, or unwrought, for use in the manufacture of optical instruments, spectacles and eyeglasses, suitable only for such uses, provided, however, that such discs exceed eight inches in diameter, may be polished sufficiently to enable the character of the glass to be determined."

The Board held that the controversy related to the character of the glass and as the importers introduced no evidence whatever to show that the classification made by the collector was erroneous, it had nothing before it to warrant its disturbing the assessment of duty as already made.

The Board went further and added a little information to its decision, saying that it was the importers' duty to show by fair preponderance of proof that the classification as made by the customs officers is wrong and failing to do this the action of the Collector must be sustained.

The Board also overruled the protest of G. W. Sheldon & Co., Chicago, who claimed that certain analytical balances, and

weights and glass tubes imported for educational institutions, should be admitted free of duty under paragraph 638 of the Tariff Act. Like the Spencer Lens Co.'s case, the Board found no evidence to show that the goods were not such as were ordinarily used in commercial establishments, and the decision of the Collector was therefore sustained.

The Board overruled the protest of the St. Francis Asylum, Buffalo, N. Y., on the claim that certain statuary which was imported for the institution should be admitted free of duty.

The allegations of the protest set forth that the statuary was ordered by "alien parties not acquainted with the institution;" this being so the Board decided that the im-

porter's case falls without the statute, which requires that the statuary be "imported in good faith for the use and by order of a religious society." The importers were therefore not in a position to seek relief under the free duty paragraph, the statuary not having been ordered by the St. Francis Asylum.

Among the list of reappraisements of merchandise handed down by the Board of United States General Appraisers, last week, were the following:

Jewelry, etc., from A. Ephtimios Freres, Paris, June 19, 1902: 5015-5016.—Pugnies, entered at 12 francs per gross. 608.—Bracelets, entered at 36 francs per gross. 4981-2857.—Ceinture elastics, entered at 288 francs per gross pieces. 1,000 8-8.—Porte cigar cigarette, entered at 60 francs per gross. 844.—Saulons, entered at 48 francs per

# CLOCKS

have always been one of the leading staples of a jeweler's stock. They are one line for which there is always a constant demand. No other article offers so much worth for so little money as a clock. For ornament, for utility, for a present, nothing else appeals so strongly to that large class of buyers who are neither rich nor poor.

*Push your clock department; it pays.*

The right kind of clocks bear this trade-mark.



The mark that's known the world over.



**PHOTO.**

**EIGHT DAY TIME.**

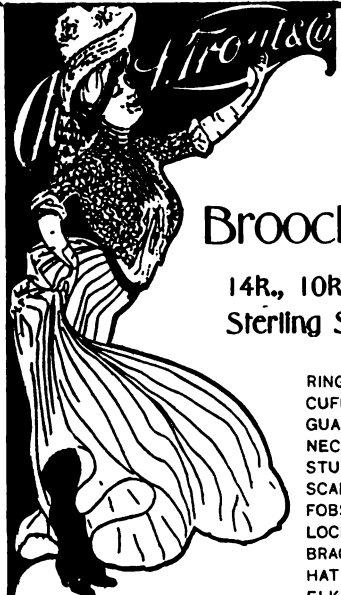
Dial, 2 in.; height, 12 1/4 in. Porcelain Dial, Gilt Center, Arabic or Roman, Finished in Rich Gold.

**THE ANSONIA CLOCK CO.,**

99 JOHN STREET, NEW YORK.

The illustration shows one of a new line of novelties. At the top is an oval space containing a painted porcelain picture (which may be removed and replaced by a photo if the purchaser so desires), surrounded by a wreath of flowers and surmounted by a figure of Cupid unveiling the picture. Every detail is carefully executed, the finish is in rich gold, and around the dial is a circle of brilliants. It is just the clock for a present.





**DIAMONDS.**

**Brooches,**  
14k., 10k. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
BRACELETS,  
HAT PINS,  
ELK BUTTONS.

**"Runaway Girl" and "Florodora"**

BASH, HAT, BROOCH AND CUFF PINS, WAIST SETS,  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**BIG SELLERS.**

CATALOGUE READY ABOUT SEPT. 1ST, OF

**Ebony, Gun Metal and Leather  
Novelties.**

**CHAS. L. TROUT & CO.,**

5 AND 7 MAIDEN LANE, NEW YORK.

**TO KNOW THEM**

IS

**TO WANT THEM.**

Want to make a good reputation for yourself? See our line of carved rings. Your customers appreciate good goods, then appreciate your customers' custom by selling them that sort. Our line of carved rings is all of that carefully made kind which cause a customer to say instantly upon seeing them, "Here is just what I've been looking for." It is really surprising the amount of ring goodness we put into our One Dollar a dwt. 10-k. Line. Our gents' set rings are just as good, but cheaper—80c. a dwt. in 10-k. We make all styles. No matter what you want for a man you need look no further. If you think you need anything, write for a memo package. It's yours for the asking. Remember: Every ring is as good as the sample.

**M. MANNIST & CO.,**  
Ring Builders for Men,  
57 Maiden Lane, NEW YORK.

gross. Similar goods, similar values. Prices advanced 100 per cent. Entered discount, 20 per cent. Reappraised discount, 10 per cent.

Manufactures of metal, from F. Burger, Hamburg, June 23, 1902: 60 Kl Messing dozen, entered at 120., advanced to 240. marks.

Importers have been notified by Collector Stranahan, of this port, that hereafter they will have to deposit with him a certified check or a bond of indemnity when requests are made to release goods on which no bill of lading is produced. This new rule went into effect Friday.

**A Jewelry Salesman's Uncomfortable Experience With a Careless Helper.**

The uncomfortable experience of a New York jewelry salesman while in Springfield, Mass., last week, is reported from that city as follows:

The traveler was staying at the Hotel Worthy and had with him two cases containing diamonds and other precious stones valued at about \$70,000. Those two cases were lost for nearly two hours yesterday morning and the salesman had the entire police department out hunting for them.

The salesman confided the two cases, which are heavy, to the care of a hanger-on about the hotel, telling him to take them to the store of H. J. Davison's Sons, in Main St. He would follow at his leisure. About 8:30 o'clock, the drummer sauntered into the jeweler's, introduced himself, and inquired for the cases. No one had seen them and visions of a \$70,000 theft of jewels flashed through the salesman's mind at the rate of about eight a second.

Then he got to thinking of the explanations he would have to make and of where he could find another position. A hurried explanation at police headquarters secured the services of Inspector J. H. Boyle, who recognized the description of the hotel hanger-on as one which applied to John T. McAvoy, a man who does odd jobs of any sort. The two men, inspector and salesman, started on a still hunt for McAvoy. They hunted for an hour, then went to the Worthy as a last resort. McAvoy was sitting on the cases in the corridor.

The salesman emitted a whoop of joy and fell upon the cases. Explanations being in order, McAvoy then told his tale. Early in the morning he saw a man that he supposed was the jewelry drummer leave the hotel, so he shouldered the cases and followed on. His supposed employer

went to the Massasoit House, loitered at the desk for a few minutes, then went out and boarded a Holyoke car. McAvoy went with him, taking a seat behind the drummer.

The conductor demanded his fare at Carew St. and McAvoy referred him to the man ahead. "G'wan," said that individual, "think you can work me for carfare?"

McAvoy almost fell out of the car. "Hully gee!" he said, "didn't you hire me to carry dese grips of your'n? Ain't I workin' fer yer?" "Not if I know anything about it!" replied the drummer.

Then McAvoy got off and walked back, wondering whether he was it or not, and if he wasn't, who was. The jewelry salesman swears he'll tie a string on the next man that carries those cases, and hire a policeman to tag on behind in case of accidents.

**Souder, Bennett & Co.'s Reported Robbery Explained and Firm Dissolves.**

ALBANY, N. Y., Aug. 2.—The mystery in connection with the jewelry which was taken from the store of Souder, Bennett & Co., at 74 S. Pearl St., July 9, has been cleared up, the jewelry has been returned and Messrs. Souder and Bennett have dissolved partnership.

For several days past an examination for an application for a warrant has been going on in the Police Court. Henry E. Bennett, one of the parties, on the advice of his counsel, refused to be sworn. The matter was adjourned until yesterday, when the attorney for E. H. Souder read an affidavit of H. E. Bennett, in which he says that all charges that Souder took the jewelry are false and that he (Bennett) removed the jewelry, July 9, on advice of his attorney.

Judge Brady then summoned Bennett to the bar and said that he would suspend sentence in the contempt of court proceedings in failing to be sworn last Monday afternoon. Bennett said he relied solely upon his counsel's advice in his acts.

The partnership was dissolved by mutual consent yesterday. Mr. Souder continues in business at the old address.

**WILLIAM F. UTTER,**

OF THE LATE FIRM OF

**HOAGLAND & COMPANY.**

MANUFACTURER OF

**GOLD PENS, HOLDERS, PENCILS, &c.**

12-16 JOHN STREET.

**NOTICE TO THE TRADE.**

To avoid any misunderstanding through misrepresentation or otherwise, I beg to say, that having purchased all interest, stock, fixtures, accounts, etc., of the **HOAGLAND'S** in the late firm of **HOAGLAND & CO.**, I am continuing the business at the same office, 12-16 John Street, New York City.

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**No. 620, Nickel;**

15 Jewels; Red Gilded Settings; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring; Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 610, Nickel;**

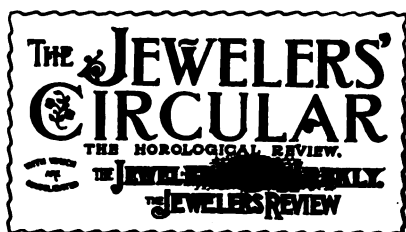
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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

### Precious Stone Importations for July.

THE heavy importations of precious stones continue to increase as the months go on, until now this year bids fair to surpass the record of any previous 12 months, even including 1901, which was the banner year in precious stone importations.

According to Jewelry Examiner Gen. George W. Mindil, the value of the pearls and precious stones passed through the Appraisers' Stores at New York during July was \$2,654,806.65, or \$110,406.61 more than for the same month last year, which then was the largest amount for any July and the second largest month on record.

For the purpose of comparison the importations during last month and in July of the four preceding years are here given:

	Cut.	Uncut.	Total.
July, 1902..	\$2,148,806.68	\$511,071.07	\$2,654,806.65
July, 1901..	2,355,889.61	189,010.48	2,544,400.04
July, 1900..	1,482,781.05	618,048.57	2,100,824.62
July, 1899..	1,815,649.28	578,719.66	2,394,368.94
July, 1898..	1,640,469.25	491,535.99	2,131,995.24

The total value of the importations of precious stones and pearls at New York for the seven months from Jan. 1 to July 31, 1902, was \$14,109,067.93.

### Failures During July.

ONE of the indications of the very prosperous condition of business which merchants generally are enjoying at the present time, is shown in an elaborate table of the commercial failures for July just passed, compiled for *Dun's Review*. Generally this shows failures in all lines to be about 825 in number and \$6,932,851 in amount of liabilities. This compares more than favorably with July, 1901, when though the failures numbered but 697 the liabilities were \$7,035,933. The comparison with former years is even more favorable than with last.

The figures for the jewelry trade are no exception to those of other industries compiled in this table. According to these figures the failures in jewelry and clock lines last

month numbered but nine and the total liabilities were \$53,257, or an average of \$5,917. July has for some years been a quiet month in the jewelry trade, as far as failures are concerned, as may be seen from the figures for July of former years, which show the failures in 1901 to have been six, with \$50,795 liabilities; in 1900, 13 failures, with \$74,188 liabilities; in 1899, six failures, with \$41,725 liabilities, and in 1898, nine failures, with \$56,124 liabilities.

According to these figures the commercial morality of the jewelry trade is above the average, particularly when it is considered some of the failures noted were bankruptcy proceedings of members of insolvent firms whose actual failures in a number of instances occurred years prior to the proceedings.

### Report on the Swiss Watch Trade Made to the State Department.

WASHINGTON, D. C., Aug. 1.—The annual report of U. S. Deputy Consul Frankenthal, at Berne, Switzerland, recently received by the State Department, is devoted in part to a review of the watch trade. It is stated that the Swiss exports of watches and materials fulfilled in the highest degree the expectation for the year and increased to the extent of 8½ per cent., or a round \$2,000,000. As compared with the figures for 1895 the amount of the exports show an increase of 33 per cent. Here are the values of the total exports for 1899 and 1900 respectively:

	1899.	1900.
Gold watches and chronometers .....	\$8,082,289	\$8,626,554
Silver-cased watches.....	7,811,075	7,816,750
Nickel and metal cased watches .....	8,921,726	4,815,098
Finished movements .....	559,882	660,798
Materials .....	1,714,478	2,015,280
Total .....	\$21,599,385	\$23,434,420

There were 7,327 chronometers exported, having an average value of \$42.46 each, and they were sent to the following countries: England, 2,581; France, 1,983; Germany, 698; United States, 195, and Italy, 619.

The number of gold cased watches exported was 859,829, principally to Germany, which took 349,910; Great Britain, 172,371; Austria, 100,638; Italy, 46,256; Russia, 39,906; Belgium, 27,878; Netherlands, 25,620; Scandinavia, 13,788, and the United States, 10,492. The average value of the gold cased watches was \$9.67, and the average price paid by the United States was \$13.67.

Silver cased watches were exported to the number of 3,306,329, to these countries: Germany, 922,221; Great Britain, 835,685; Austria, 315,957; Italy, 241,854; Japan, 119,654; United States, 116,682; Russia, 110,587; Belgium, 103,076; Scandinavia, 99,305. The average value per piece was \$2.36 and the average price paid by the United States was \$1.78.

Watches in nickel or other metal cases were sold to the number of 2,641,893, and went to the various countries in this proportion: Great Britain, 896,531; Germany, 409,251; Spain, 232,819; France, 180,822; Austria, 157,862; Italy, 149,446; British India, 83,068; Belgium, 74,937; United States, 46,621. The average value per piece was \$1.63.

The finished movements averaged \$1.32 per piece and 498,892 were exported to the

countries named: United States, 202,990; Japan, 98,862; Russia, 76,139; Germany, 48,676; Canada, 47,782; Great Britain, 10,322; France, 8,329.

The figures for the first six months of 1901 show a round \$1,000,000 increase in the watch export as compared with the same period in 1900.

According to Consular Agent Rieckel, of Chaux de Fonds, the favorable situation that has prevailed during the last few years in the Swiss watch industry is, according to appearance, about to come to an end. Orders are becoming scarce and a certain sign of slackening conditions is the fact that the watch case makers and all the smaller industries connected with the watch case trade are complaining of a lack of orders.

The Swiss imports of watch cases were considerably in advance of 1899, although lower than in 1898. During 1900 a total of 208,011 were received from the following countries: France, 107,127; United States, 100,095; England, 507; Germany, 282. The great majority were nickel or other metal cases; out of the total of 208,011 the number of nickel or metal cases was 203,064, with an average price per piece of 77 cents for the United States and 15 cents for the French cases. The American "electroplated" cases brought 60 to 70 cents. France and the United States export their cases in a finished state, either stamped, engraved, engine turned or enameled. The Swiss syndicate of workmen who labor in watch cases, engraving, engine turning, etc., are by all means possible aiming at a reduction of the number of apprentices in their respective lines. In consequence of this, when orders were heavy the inland watch case factories, for want of sufficient hands, were unable to promptly meet the demands and the watch manufacturers were obliged to transmit part of their orders to foreign case factories, in France particularly, which accounts, in a great measure, for the increase in the imports of cases from that country.

### Death of Henry K. Dodd.

NEWARK, N. J., Aug. 4.—Harry K. Dodd, son of David C. Todd, Jr., died at his home, 17 Chestnut St., Saturday. His death was quite unexpected, although he had been suffering somewhat with brain trouble for the last few weeks. He was 47 years old and for the last three years had been blind.

Until a few years ago Mr. Dodd was connected with the jewelry firm of David C. Dodd, Jr., & Co., at Marshall and Halsey Sts.

During the period of his blindness he did a little work for the Prudential Insurance Co. He was an all round social good fellow and had many friends who familiarly called him "Doc."

He leaves a widow, a son, Harry K. Dodd, Jr., and four daughters.

The funeral services will be held to-day at his late residence, the Rev. Dr. D. R. Frazer, of the First Presbyterian Church, officiating. His body will be interred in Mt. Pleasant Cemetery.

Both the purchaser and seller are bound by the publicly proclaimed terms of an auction sale. (96 Ill. Ap. Rep. 278.)



## Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY has perfected arrangements for obtaining the names and hotel addresses of all the latest buyers visiting New York, and each day posts in its office, 11 John St., cor. Broadway, a bulletin which every member of the trade is cordially invited to copy

ATLANTA, GA., H. A. Maier (Maier & Berkele), Hamilton & Hamilton, Jr.  
BALTIMORE, MD., W. W. Frederick (Posner Bros.), Navarre.  
BATON ROUGE, LA., J. K. Romaine, Astor House.  
BOISE, IDAHO, Mrs. J. T. Laughlin, Albert.  
BOSTON, MASS., A. E. Clifford (Houghton & Dutton), Herald Square.  
H. S. Townsend, Hoffman.  
CHARLESTON, S. C., M. M. Marks (M. Marks), Herald Square.  
CHARLESTON, W. VA., R. J. Satterthwait, Astor House.  
CHICAGO, ILL., E. C. Campbell, Park Avenue.  
L. J. Goldsmith, Herald Square.  
J. Harris, Navarre.  
E. T. Herman, Herald Square.  
R. Johns, Broadway Central.  
R. Newman, Grand Union.  
M. Wendell, Netherland.  
CINCINNATI, O., C. H. Fox, Astor House.  
T. Mitchell, Sturtevant.  
G. H. Voss, St. Denis.  
GALVESTON, TEX., E. E. Ephraim, St. Denis.  
HARTFORD, CONN., F. Leventhal, Continental.  
HARTRIDGE, OKLA., J. F. Hartwell, Astor House.  
HELENA, ARK., S. B. Frank (S. B. Frank Co.), Rossmore.  
KANSAS CITY, MO., D. B. Cavanagh (G. B. Peck Dry Goods Co.), Cadillac.  
S. Gurney, Criterion.  
H. G. Huss (Jones Dry Goods Co.), Criterion.

C. A. Kiger, Herald Square.  
H. S. Streicher, Normandie.  
LANCASTER, PA., A. Rhodes, Albert.  
C. W. Stehman, Albert.  
MILLERTON, N. Y., S. Tripp, Grand Union.  
MINNEAPOLIS, MINN., C. E. Fischer (Donaldson, Williams & Co.), Criterion.  
E. Langen (Powers Mercantile Co.), Gerard.  
NEW ORLEANS, LA., B. Housmann, Marlborough.  
OMAHA, NEB., E. J. Sullivan (T. L. Combs & Co.), Astor House.  
OBERLIN, O., W. P. Carruthers, Astor House.  
PITTSBURGH, PA., W. J. Wallace (Wallace Optical Co.), Continental.  
PORTLAND, ORE., W. F. Lipman (Lipman, Wolfe & Co.), 45 Leonard St.  
QUINCY, ILL., O. A. Morenstecher (Kespohl-Morenstecher Co.), Earlington.  
REEDSBURG, WIS., D. G. Schwes (Webb & Schwes), Normandie.  
PITTSBURGH, PA., W. L. McDougall, Union Square.  
SARATOGA, N. Y., Mrs. C. A. Lee, Union Square.  
SHREVEPORT, LA., Jules Dreyfus (S. G. Dreyfus & Co.), Marlborough.  
SPRINGFIELD, MASS., G. D. Sleigh (Forbes & Wallace), 2 Walker St.  
ST. JOSEPH, MO., W. I. Lehman (Lehman Bros.), Herald Square.  
ST. LOUIS, MO., D. G. Braham (Stix, Baer & Fuller Dry Goods Co.), Gerard.  
E. S. Strauss (Strauss Bros. & Co.), Gilsey House or Hoffman.  
ST. PAUL, MINN., J. Stolberg (W. H. Elsing & Co.), Navarre.  
WACO, TEXAS., J. Levinski, Broadway Central.  
WHEELING, W. VA., J. S. Gibbs (Delaphain Dry Goods Co.), Imperial.

James Sanders, Murfreesboro, Tenn., claims to be the champion pearl hunter.

## Trans-Atlantic Voyagers.

## TO EUROPE.

Alanson Bigelow, of Bigelow, Kennard & Co., Boston, sailed, Thursday, on the *Friedrich der Grosse*.

G. E. Marcus, of Marcus & Co., New York, returned, last week, on the *Graf Waldersee*.

H. L. Roberts, of the Keystone Watch Case Co., Philadelphia, sailed, Saturday, on the *Lucania*.

## FROM EUROPE.

V. Hirsh, of Hirsh & Hyman, New York; Samuel Cohn, of Samuel Cohn & Co., New York, and Nat Wolff, of Nat Wolff & Co., New York, accompanied by his wife, returned recently on *La Savoie*.

H. A. Meyer, of Glaenger, Frères & Rheinboldt, New York, arrived Monday.

Milton Rosenback, with W. I. Rosenfield, New York, returned, last week, on the *Kronprinz Wilhelm*.

J. F. Crane, of Mandeville, Carrow & Crane, Newark, N. J., returned, Saturday, on the *Philadelphia*.

## Importations at the Port of New York.

Weeks Ended Aug. 2, 1901, and Aug. 1, 1902.

	1901.	1902.
China, Glass and Earthen Ware:		
China .....	\$45,008	\$98,814
Glass ware .....	17,062	37,044
Earthen ware .....	30,463	21,097
Optical glass .....	2,417	3,602
Instruments:		
Musical .....	17,785	24,796
Optical .....	6,168	10,715
Philosophical .....	862	1,946
Jewelry, etc.:		
Jewelry .....	18,423	18,850
Precious stones .....	444,085	54,687
Watches .....	32,465	29,540
Metals:		
Bronzes .....	1,705	3,441
Cutlery .....	33,868	41,250
Dutch metal .....	.....	5,063
Platina .....	11,900	23,176
Silverware .....	7,925	6,327
Miscellaneous:		
Alabaster ornaments .....	284	14
Amber .....	10,515	7,468
Beads .....	2,413	8,363
Clocks .....	8,434	5,203
Fans .....	4,490	2,908
Fancy goods .....	8,154	7,356
Ivory .....	718	25,231
Ivory, manufactures of....	583	963
Marble, manufactures of....	6,641	15,295
Statuary .....	4,458	5,195

## Jewelers' Gold Bars Withdrawn and Exchanged.

Week ended Aug. 4, 1902.

The U. S. Assay Office report:  
Gold bars exchanged for gold coin....\$210,664.63  
Gold bars paid depositors..... 188,271.81

Total .....\$398,936.44  
Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:  
July 28.....\$15,808.02  
" 29..... 30,844.24  
" 30..... 51,358.76  
" 31..... 41,582.91  
Aug. 1..... 55,758.00  
" 2..... 15,377.70

Total .....\$210,664.63

The phrase "total loss," in an insurance policy, does not require that property remaining after the loss shall have no value, but only means such destruction as deprived the property of its character in which it was insured. (67 Pac. Rep. 879.)

## URGENT CALLS!

We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.



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**New York Notes.**

Charles Burnham, White Plains, has removed his store to the Albion building.

Samuel Elwoosky, 218 Willis Ave., and family, have gone to the Catskills for a month.

H. Spandau, of Silverman, King & Co., 13 E. 14th St., is spending his vacation at Atlantic City.

A. P. Nohmens, 262 W. 125th St., returned, last week, from a two weeks' vacation in the Catskills.

R. Michel, of R. & J. Michel, 280 Sixth Ave., is spending his vacation at Schroom Lake in the Adirondacks.

A. Frankfield, of A. Frankfield & Co., who is now in Europe, is expected home the latter part of September.

Max Abramson, 2526 Eighth Ave., returned, last week, from a two weeks' vacation at Mountain Dale, N. Y.

J. A. Linherr, 193 Sixth Ave., is spending the Summer at Deal Beach, and will return the latter part of August.

W. J. Hoppe, formerly at 1483 Fifth Ave., recently purchased the property at 731 E. 138th St., and has moved his stock there.

J. H. Maier, of Maier & Berkele, Atlanta, Ga., is stopping in New York making his headquarters at the office of Hamilton & Hamilton, Jr., 11 John St.

C. L. Beckley, manager of the jewelry department of John Wanamaker's New York store, during the hot season, is spending three days of each week with his family at Breolle, N. J.

Jewelers and pawnbrokers are offered a reward of \$2,500 for the return of diamonds and jewelry taken from the house of A. C. Vail, of West 8th St., Plainfield, N. J., on the night of Feb. 11.

An extensive addition is being made to the rear of the Congo Diamond Co.'s store at 10 E. 14th St. S. Seligman, of the concern, is spending a short vacation with his family at Sharon Springs.

Gus Pris, of 152 Huntington St., Brooklyn, had a former employe, William Golar, before Magistrate Dooley in the Butler St. court, Friday, charged with stealing seven watches and two watch chains. Golar was held for examination.

A meeting of the creditors of Arthur J. Kahn was held in Referee in Bankruptcy Wise's office, 27 William St., Friday afternoon, and the further examination of the bankrupt was postponed to Sept. 5, at 2 P. M. There will be no meeting meanwhile.

Bernard Cooperman, a jeweler at 94 Crystie St., has been ordered to pay his parents \$8 a month for their support. Cooperman's parents recently sought support from the Outdoor Poor Department, and an investigation led to the order mentioned.

Miss Maude Sylvester, daughter of J. F. Sylvester, a Brooklyn jeweler, was robbed in De Kalb Ave. in the rear of the Montauk Theatre, Monday afternoon, by a negro, who made his escape. The negro grabbed a bag which she was swinging in her hand, and when Miss Sylvester held on to it she was knocked down, and her wrist cut in the struggle.

Through the honesty of Jacob Meyer, a jeweler at Third Ave. and 152d St., Peter Dujke, a gardener, has been arrested and a diamond earring which he found and sold to Meyer has been returned to its rightful owner. Dujke was working around the house of Mrs. William E. Murray, at 65 W. 90th St., when he brought up with a spade of earth a diamond earring. He sold it to Meyer for 75 cents. Meyer was aware of the value of the stone which he placed at between \$600 and \$700, and, thinking that all was not right, took the gardener's name and address, and then informed the police at the Morrisania Station.

Morris Heiner, who formerly occupied a store at 2554 Eighth Ave., recently gave up his business and went to Liberty, N. Y., for his health. Mr. Heiner has returned and denies the statement that he had taken with him any articles left with him for repair, but, on the contrary, states that all such articles, with the exception of a cheap clock, whose owner he could not identify, were returned. Mr. Heiner requests that any of his customers who think that he has articles belonging to them should communicate with him in care of Mr. Kesnoff, 62 E. 100th St. Mr. Heiner will shortly leave for Denver, Col., on account of ill health.

The mystery of many jewelry robberies which occurred last Summer through the Madison Ave. office of the Adams Express Co., has been partially explained by Fred Littlefield, of 354 Mott Ave., Bronx, a trusted employe of the company, who was arrested Sunday on advices from the police of Springfield, Mass. Littlefield made a clean breast of it in Capt. Titus's office Monday. He came to grief through Herman Libby, a cousin, who was arrested in Springfield while trying to dispose of \$500 worth of bent and broken silverware.

Libby said he got the goods from Littlefield. Among the jewelry firms who lost goods through Littlefield last year were Louis Strasburger's Sons & Co. and William Scheer.

The funeral of Mrs. Mary Ann Mills, head of the diamond firm of Mills & Coleman, whose death was reported in the last issue of THE CIRCULAR-WEEKLY, took place Wednesday in St. Patrick's Cathedral, New York. Among those who attended the funeral were many of the diamond expert's former business associates and friends headed by her late partner and son, George B. Coleman. Many recipients of the dead woman's charity were also among the mourners, including 40 orphan boys from the asylum at Fordham, who occupied seats in the Cathedral. An elaborate special musical programme was included in the funeral services. Absolution was pronounced by Bishop Farley. The burial was at Calvary Cemetery.

Samuel Hammer, 666 Sixth Ave., received his second bi-annual visit from a hobo burglar Thursday night. The police, however, arrived in time to prevent the thief from entering the store after he had pried the lock off. Hammer must have had a premonition of the trouble that was in store for him, for he appeared in the W. 30th St. Police Station a few minutes after the thief was discovered and said he wanted his store watched. Hammer said that two years ago a disreputable looking man with blotched face walked into his store one morning and asked for a nickel to buy a drink. Hammer refused the man and that night his store was robbed of \$150 worth of jewelry. In Hammer's opinion the burglar was the man who asked for the nickel. Thursday a man came into Hammer's store and asked for five cents. Hammer immediately recognized the beggar and fired him out. When Hammer went home that night he thought he would notify the police and have them keep a sharp lookout on his store. The would-be thief, however, was ahead of him.

Leonard Perkins Browne, who was for more than 20 years superintendent of the Enos Richardson & Co.'s factory, Newark, died, Sunday, at Greenwich, Conn. Mr. Browne left the jewelry manufacturing concern in 1888, and removed with his family to New York. He was prominent in church and charity work, and was a member of the South Park Presbyterian Church, of Newark. He is survived by a widow, one son and two daughters. The funeral will be held to-day, and the

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36 Murray Street, New York.**



interment will be in Mount Pleasant Cemetery, Newark.

A judgment for \$205.72 has been entered against Louis Dinkelspeil in favor of the Gorham Mfg. Co.

William L. Saxton, of William L. Saxton & Co., left, last week, for a short vacation in the Thousand Islands.

L. Witsenhausen, 37 Maiden Lane, has moved to more commodious quarters on the third floor of the same building.

Joseph Schweizer, manager of the Ansonia Clock Co., is a member of the August Grand Jury for New York county.

Milton Rodenberg, of Rodenberg & Dunn, 9 Maiden Lane, has just returned from a two weeks' vacation at his cottage at Fleischman's in the Catskills.

M. B. Bryant, of M. B. Bryant & Co., returned, last week, from a six weeks' vacation. He will leave again in a few days to be gone until the middle of September.

Harris G. James, the traveling representative of the Spencer Optical Mfg. Co., has recovered from his recent illness and start-

ed on his usual trip for the company this week.

The Seamless Wire Mfg. Co., of 37 Maiden Lane, moved to larger offices in room 17 of the same building, Friday. The new offices offer greater facilities to the concern in handling its increased business.

The Fahys Watch Case Co., at Sag Harbor, L. I., has removed the high board fence surrounding its property and is having the surrounding lot curbed, after which it is to be graded and laid out for a small park.

William F. Utter, manufacturer of gold pens, holders and pencils, has just issued a statement to the trade to the effect that having purchased all the stock, fixtures and accounts, as well as the Hoagland interest in the late firm of Hoagland & Co., he is continuing the business at the same place, 12-16 John St.

The Stern Bros. & Co. Mutual Benefit Association, which was organized some three years ago, gave its annual picnic and games Saturday, at Lebohner's Dexter

Park, Brooklyn. A number of prizes were awarded for different athletic performances, which included 100 yard dash, one and two mile races, egg races, three-legged races, etc. The dancing was enjoyed by 1,000 people. The officers of the organization are as follows: George Weidinger, president; P. W. Gilcher, vice-president; G. Van Bussum, secretary, and Thomas S. Mack, financial secretary.

#### Opening for American Watches and Clocks in Austria.

WASHINGTON, D. C., Aug. 2.—Frederick W. Hossfield, Consul in Trieste, describes, in a recent report, an opening in Austria for American clocks and watches, but says that these goods will not sell themselves, and "letters and circulars in English are of little avail, as they usually go to the waste paper basket."

Something can be accomplished with foreign agents, but really good results can be obtained only by American agents thoroughly familiar with local customs and languages. Not much has been done in this direction yet.

Mr. Hossfield says that none of the great commercial nations of Europe employs so many traveling salesmen at home and so few abroad as we do. The reason for this is perfectly simple; not one of them has so large a trade at home as we have, and not one of them is so little dependent upon foreign trade. But now that the export trade is becoming very important to us it is well to be reminded by Mr. Hossfield that foreign orders, like domestic orders, are to be obtained only by going after them.

Consul Hossfield says: "It will be a sad day for the Swiss watch and the German clock manufacturers when their American rivals decide to dispatch a few wideawake drummers across the Atlantic to work up a trade for the American timepiece."

The full text of Consul Hossfield's report will be published in the next issue of THE CIRCULAR—WEEKLY.

# SEVENTH CAPITAL,

## \$1,700,000.

### NATIONAL BANK,

### NEW YORK CITY.

EDWIN GOULD, PRESIDENT.

EDWARD R. THOMAS, { VICE-PRESIDENTS.  
WM. H. TAYLOR, {  
GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR., VICE-PRESIDENT AND CASHIER.  
SULLIVAN & CROMWELL, GEN. COUNSEL.

#### ACCOUNTS INVITED.

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

#### DIRECTORS:

Edwin Gould,  
Edward R. Thomas,  
W. Nelson Cromwell,  
Chas. E. Levy,  
Alex. McDonald,  
Samuel Thomas,

Wm. H. Taylor,  
Crawford Fairbanks,  
R. W. Jones, Jr.,  
Hugh Kelly,  
Wm. F. Carlton,  
Erskine Hewitt.

## The Mercantile National Bank

OF THE CITY OF NEW YORK,

BROADWAY AND DEY STREET,

Solicits Accounts from the Jewelry Trade.

## THE CHATHAM NATIONAL BANK, NEW YORK.

H. P. DOREMUS, Cashier.

GEO. M. HARD, President.

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NEW YORK.

SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

O. L. RICHARD, President.

ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



# HEADQUARTERS

**I**F you do not find it convenient to take advantage of the numerous opportunities offered through the Merchants' Association to visit New York, you will find our newest stock fully represented at our office in **CHICAGO**, 131-137 Wabash Avenue, and in **SAN FRANCISCO** at 118-120 Sutter Street.

**W**HETHER you intend to buy of us or not we shall be glad to have you make our places your headquarters. It will give us pleasure to help you in any way that we can and, of course, we shall be glad to show you our new line of Goods for the Fall and Holiday Trade.

**W**E feel that we have surpassed ourselves this year, and that more than ever before Gorham Goods will be found to stand apart as the representative work of the American Silversmith.

GRAND PRIX  
PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

STERLING

**G**ORHAM reputation will cost no more. Gorham business methods are known. You will not find the goods we display in the Dry Goods and Department Stores. *We do business with Jewelers exclusively.*

## GORHAM MFG. CO., Silversmiths

Broadway and Nineteenth Street, New York.

BRANCHES

NEW YORK  
21-23 Maiden Lane

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131-137 Wabash Avenue

SAN FRANCISCO  
118-120 Sutter Street

Works: Providence and New York



### The American Gems Presented to the Jardin des Plantes.

A full description of the collection of gems and precious stones recently presented by J. Pierpont Morgan to the Mineralogical Department of the Jardin des Plantes, of Paris, France, was made public, last week, by George F. Kunz, the gem expert of Tiffany & Co. Mr. Kunz made the collection at the expense of Tiffany & Co. for the Buffalo Pan-American Exposition. There are more than 400 varieties of precious stones, and often a single variety has from one to a dozen specimens. A great many are neat and handsome and wherever it was possible the best cut gems were obtained to show the contrast between the rough and the cut material.

That the importance of this collection may be thoroughly understood it should be known that the Mineralogical Department of the Jardin des Plantes has been presided over in the last century by some of the most eminent men in France and contains some of the most perfect collections in Europe. Although so rich in foreign minerals and gems the department has hitherto been deficient in American gems. This deficiency was more deeply felt when the Tiffany collection of precious stones, shown at the Paris expositions of 1889 and 1900 were bought by J. Pierpont Morgan and given to the American Museum of Natural History.

It was this transaction of Mr. Morgan that led the director of the department to say at the last exposition that if any American saw fit to present such things to a mu-

seum there was no foreign museum where they would be more thoroughly appreciated or seen by a greater number of people than at the Jardin des Plantes. It was thought that this might inspire some American to send some American stones to the museum, and when Mr. Morgan made his magnificent present the directors were overwhelmed with gratitude for his generosity. Two fine cases were ordered to contain the collection and to be placed on either side of the main entrance.

According to the description of the collection made public by Mr. Kunz, the following gems and precious stones are included:

Sapphires and ruby crystals from Rock Creek, Mont.; jadeite, Aztec, from the Valley of Mexico; amethyst crystals from Brazil; tourmalines from San Diego County, Cal.; Jadeite, serpent with 11 beads, from Central Mexico; turquoise charms from New Mexico; garnet grains found on Fort Hills, Navajo Nation, New Mexico; tourmaline in matrix, Mount Mica, Paris, Me.; agate from Lorimer County, Cal.; quartz, inclosing tourmaline, from Pipestone Creek, Mont.; chalcedony, from Haystack, Ore.; chrysoprase from Visalia, Cal.; agate, with two eyes, from Uruguay; amethyst, inclosing tourmaline, from Pipestone Creek, Mont.; barite, with gold, from Chiliff moss opals from Yucatan, near Puerto Principe, Cuba; quartz crystals from Little Falls, Herkimer County, N. Y.; rose colored beryl from Haddam Neck, Conn.; pink tourmaline crystals and white tourmaline crystals from Mesa Grande, San Diego County, Cal.; pectolite from Bergen Hill, N. J.; ruby in limestone from Vernon, N. J.; geode agates, containing water, from Uruguay; turquoises from Los Cerrillos, N. M.; hydrophane and fire opal from Queretaro, Mexico; amethyst, in agate polished slab from Uruguay; obsidian mask from the Valley of Mexico, Mexico; rose quartz from Custer City, S. D.; rose colored chalcedony from Rincon, N. M.; agate pebbles from Twin Harbor, Minn.; emeralds from

Crabtree Mountain, Mitchell County, N. C.; lapis lazuli from the Andes Mountains, Chili; turquoise ornaments from Santa Domingo, N. M.; amethyst from Amherst County, Va., and Paterson, N. J.; water bubble stone from Uruguay; hydrolite chalcedony, containing water, from Uruguay; sapphire chalcedony from Kern County, Cal.; yellow opals from Douglas County, Wash.; pink alabaster from Kent County, Mich.; rough moonstones from East Marion, Long Island; obsidian lip ornaments from the Valley of Mexico, Mex.; amethyst and smoky quartz from Clear Creek, Mont.; yellow garnets from Wakefield, Que.; golden beryls from Coosa County, Ala.; sea green beryls from Antlers, Col.; five wine colored topazes from Deseret, Utah; precious opals found near Colfax, Wash.; aquamarine from Spruce Pine, N. C.; rose quartz from Wyoming; an emerald matrix from Crab Tree Mountains, North Carolina, and an amethyst heart from Clayton, Ga.

There is also a grotto of amethysts, a miniature cave, with a lining of massive agate, which can be illuminated by electric light, and a 7½ inch in diameter large polished and perfect sphere of rock crystal.

### Pearl News Notes.

A Montrose, Ill., man recently found a pearl which he sold for \$90.

Lake Chetek, Wis., has lately been the scene of several valuable pearl finds.

A pearl hunter at Judsonia, Ark., named Rex, last month found a pearl said to be worth \$8,000.

Over 3,000 persons are at present engaged in seeking for pearls in and around Newport, Ark.

Lewisburg, Tenn., is thronged with pearl hunters who camp along the Duck River. Good finds are reported.

Clarence Nassoy, a short time ago, found a pearl on the banks of the White River, near Seymour, Ind., which weighs 39 grains.

Thomas Bowen and Johnny Van Patten, while pearl fishing near Prairie du Chien, Wis., recently, found a pearl which they sold for \$1,200.

A pearl was recently found near Des Moines, Ia., said to be worth \$5,000. It was purchased from the finder by Fred H. Hunting for a very small amount.

Henry Wilson, a clam digger working near Trempealeau, Wis., was recently in LaCrosse exhibiting a large pearl which he found. The pearl is of a delicate lavender color.

S. H. Dalrymple, a Perth Amboy lawyer, while eating in a restaurant, last week, bit on something hard, which, on investigation, proved to be a pearl.

William Bush, Mason City, Ia., found two valuable pearls a short while ago. He gathered in 35 clams and upon breaking them open found the pearls imbedded in the fleshy part of the clam.

Louis Fayre, Prairie du Chien, Wis., found a 52-grain pearl recently which he sold for \$1,200. A number of pearls have been sold by fishermen ranging in price from \$20 to \$800.

While eating oysters at his home recently, Sergeant Sells, of the Front and Master Sts. Station, Philadelphia, Pa., bit upon a hard substance. Upon investigation this proved to be a large pearl, said to be worth \$300.

John Lester, a clam fisherman, of Prairie du Chien, Wis., has found two fine pearls in one shell. He brought them to Eau Claire, Wis., with a few small ones, and sold the best one for \$850, the other for \$100. For the balance of them he received \$52, making a total of \$1,002.

## DOLLARS AND SENSE.

"Happy the man  
who is able to learn  
the causes of things."—*Virgil.*

When Louis of France deprecated certain expressions of praise, it was a courtier who replied: "Sire, when you cease to win victories, we will cease to utter praises."

CHAINS **R & D** CHAINS

When R & D. 1/10—14 kt. Chains and our regular R. & D. Chain brands cease to win victories, we will cease to praise them.

**RODENBERG & DUNN,**

185 EDDY STREET,  
PROVIDENCE, R. I.

9-13 MAIDEN LANE,  
NEW YORK.



**News Gleanings.**

Chas. L. Reynolds, Hereford, Tex., has sold out his business.

Charles Niner, formerly of Santa Maria, Cal., has opened a store in Pleasanton, Cal.

H. J. Fortner has moved his jewelry stock at Hazelton, Ia., to a new location.

Boyle Bros. have discontinued their drug and jewelry business in Louisburg, Kan.

Fred Barry was recently arrested at St. Cloud, Minn., for selling "phony" jewelry.

Guy Farnsworth, with F. P. Burkholder, Fort Scott, Kan., is enjoying a short vacation.

J. W. Ridenour, Bedford, Pa., has enlarged the working force in his establishment.

Wm. A. Rogers, Limited, will not leave Oneida, N. Y., as hitherto anticipated.

The Pheils Universal Clock Co., Toledo, O., will soon move their plant to Woodville, O.

Geo. S. Hanes, Jackson, Ga., is making extensive improvements in the interior of his store.

Walter Robson, West Unity, O., recently suffered a small loss in a large fire at that place.

Massey & Bartling have succeeded to the business of John L. Shields, Lockwood, Mo.

John Pope has gone out of the jewelry business he had conducted at Spanish Fork, Utah.

Alden R. Vaughn & Co., Pawtucket,

R. I., who recently moved from 323 to 345 Main St., have enlarged their optical department.

The dissolution is reported of the drug and jewelry firm of Geo. R. Bassett & Co., Sterling, Kan.

P. O. Pederson, of Hector, Minn., has moved his jewelry business from Hector to Wabasha, Minn.

C. E. Campbell, a jeweler and druggist of Collins, Ia., has given warranty deeds aggregating \$350.

W. B. Harrington, watchmaker, has entered the employ of Charles I. Stein, Greenwood, Miss.

Most of the jewelers of Springfield, Mass., have joined the Friday afternoon closing movement.

The dissolution is reported of the jewelry firm of Breckel & Atwell, in Steamboat Springs, Col.

Benjamin W. Moser, Suffern, N. Y., has opened a branch office in the Swartz building, at Spring Valley.

E. Morrow, formerly with Edward Haas, Haywards, Cal., is now with R. W. Edwards, in Oakland, Cal.

H. F. Carstensen, Dewitt, Ia., has moved into more commodious quarters in the Odd Fellows building.

Chas. L. Swezy, Middletown, N. Y., has just satisfactorily settled his accounts and resumed business again.

H. E. Murphey, a former employe of William G. Hillock, New Castle, Ind., has purchased the latter's business.

S. Simons and wife have opened a jewelry store at Kalamazoo, Mich. They

claim to represent a large Chicago house.

George Reinke, jeweler, has again taken headquarters in H. W. Le Blond's drug store in Chamberlain, S. D.

J. L. Faber's store, Gordonsville, Va., was recently entered by thieves, who stole the entire contents of the show case.

The American Jewelry Co. is going to move its stock into new quarters at 19th St. and Chester Ave., Bakersfield, Cal.

A. C. Reisz, with Bessenen & Steen, Albert Lea, Minn., has gone to Chicago to take a post-graduate course in optics.

Mrs. M. E. Hoyle, Riverside, Cal., has moved her jewelry store into more elaborate quarters in the Glenwood Inn block.

Marion H. Heyman, Camden, S. C., recently sustained about \$600 damages in removing his stock from a burning building.

Geo. F. Williams & Co., LaCrosse, Wis., wholesale and retail jewelers, will open a jewelry and book store in Mankato, Minn., at 326 S. Front St., about Aug. 15.

A diamond swindler has made his appearance in Sandusky, O., his methods being confined to what is known as the "switch" game. The police have his description.

Sidney Smith, who for several years had been connected with the jewelry firm of R. H. Stearns & Co., Pine Bluff, Ark., has resigned his position, and he and family will shortly move to New York, N. Y., to reside.

A burglar recently entered the home of Attorney Harrison Bostwick, at 1010 Washington St., Seattle, Wash., and car-

**T**HE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

**S. O. BIGNEY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.



ried off diamonds and jewelry valued at about \$500. The theft was reported to the police.

A. B. Kurtz, of Kurtz Bros., Dawson, Pa., will open a store in Connellsville, Pa., in October.

George Greyer & Co., Anderson, Ind., have dissolved partnership. Mr. Smith, a former member of the firm, will leave, shortly, with his wife, who is ill, for Wisconsin.

Frank Bartholemew, a jeweler of Ellcottville, N. Y., recently had the peculiar experience of being unable to open his safe. The manufacturers sent a man who smashed the door of the safe and found that the lock had been broken.

Four dials for the new town clock at Oxford, N. Y., were broken in transit from the manufactory to that village. They were circular in shape, five feet in diameter, of plate glass 7-16 inches thick, and ground on both sides. Their cost was \$125.

Articles of incorporation of the San Diego, Cal., Tourmaline Mining Co., were recently filed in the county clerk's office at San Diego. The capital stock of the corporation is \$500,000, divided into shares of \$1 each. The purpose of the company is to deal in mines and to carry on the business of cutting and polishing precious stones, to buy and sell stones and to operate a factory. The incorporators are: M. C. Healion, A. L. Ross, H. L. Benbough, H. Eummelen, K. C. Naylor, C. O. McCarroll and L. L. Bone. It is understood to be the intention of the company to purchase the Gale Lewis mines at Mesa Grande, the deed for which is now held in escrow, in the Bank of Commerce at San Diego.

#### Two Young Men Arrested on Suspicion of Being Pennyweight Thieves.

NEWARK, N. J., Aug. 2.—Two alleged "pennyweight" thieves were arrested here yesterday afternoon. They had visited all the jewelry stores in Broad street and priced \$150 and \$200 diamond scarf pins, but did not purchase any. Their actions were suspicious and word was sent to Captain of Detectives Cosgrove, who sent Detectives Christie and Ryan to look for them with the above result.

When searched at police headquarters the prisoners had only 26 cents between them. They said they were Arthur Kelly, a waiter, of Boston, Mass., and David Lent, a waiter, of 222 West Thirty-eighth St., New York. Lent said that he came from Boston originally, that Kelly was visiting him and that they merely came to Newark to see the city.

#### W. F. Parrish, Formerly of Gadsden, Ala., Dies After Arrest.

GADSDEN, ALA., Aug. 1.—W. F. Parrish, a former jeweler of this place, was arrested a few days ago charged by Simon Conn, of Clear Creek, with stealing a horse and buggy.

Parrish furnished bail, which was fixed at \$500, shortly after, and was released. It appears that he had been on a continuous spree for nine months and when released from jail he was suddenly taken ill. He died Wednesday afternoon at the Johnson house in great agony.

He was the son of Rev. Parrish of Tuscaloosa district, and a brother of H. B. Parrish, the lawyer.

#### The Story Told by a Jeweler's Ledger.

A LARGE jewelry dealer sends the following suggestive extract, which he took from his ledger. It represents the account of a young society man.

1899.  
Dec. 24.—To 1 fan.....\$—  
1900.  
Mar. 15.—To 1 brooch.....\$—  
May 20.—To 1 solitaire diamond ring..\$—  
June 10.—To 1 wedding ring.....\$—  
1901.  
Mar. 27.—To 1 set baby pins.....\$—

#### Found in a Jeweler's Mail.

THERE are very often in the mail of any jewelry house, communications that afford considerable amusement to those whose duty it is to read them. This applies not only to inquirers but to orders for goods. Such a one was received a few days ago in a New York office reading as follows:

"Messrs. ———"

"Please send us a few of those roman pearl necks and others suitable for a bride about 40 to 60 or 80, and oblige."

#### And He Was "Stone Broke."

"I am building," the pensive maiden said,

"A castle in the air."

"And what is the corner stone?" he asked.

She answered: "A solitaire."

—Smart Set.

**OUT AUG. 8th**

**1902-1903**

EDITION OF THE

**JEWELERS' CIRCULAR—WEEKLY**

# Vest Pocket Directory

OF THE MANUFACTURERS, IMPORTERS AND JOBBERS IN  
THE JEWELRY AND KINDRED TRADES.

**A HANDY, CLASSIFIED LIST for BUYERS.**

*Price, 50 Cents.*

**THE JEWELERS' CIRCULAR PUBLISHING CO.,**

11 JOHN STREET (Corbin Building), NEW YORK.



**Connecticut.**

The New England Watch Co., Waterbury, closed its factory July 26, for two weeks.

Martin W. Hall, Waterbury, has moved to 54 Center St., where he has enlarged his stock.

Repairs are being made on the R. Wallace & Sons Mfg. Co.'s dam by a substantial "storm backing."

C. H. Tibbett, Wallingford, is nominated as a candidate for the Democratic Congressional nomination.

L. V. B. Hubbard, Shelton, has just returned to business after a two weeks' cruise on Long Island Sound.

Eugene Sibley, of the New England Watch Co., Waterbury, leaves to-day for an extended trip to California.

The Hartford Annual Wind Clock Co. has purchased a large amount of machinery and leased a factory in Hartford.

Harry Osborne, with R. Wallace & Sons Mfg. Co., Wallingford, has returned from a business trip through the west.

Christopher Stroebel, Waterbury, is to be Charles A. Tomlinson's opponent in the Democratic nomination for High Sheriff.

Walter H. Young has just returned from a trip to the west, whither he had gone in the interest of Factory L, International Silver Co.

Melchoir Rudolph, recently deceased, had been foreman of the finishing department of Factory E, International Silver Co., Meriden, for 25 years.

Edward S. Andrews, who left Wallingford last Fall for a sojourn in England, has returned and re-entered the employ of Factory L, International Silver Co.

F. B. Stevenson, who, for two years had been superintendent of the E. N. Welch Mfg. Co., Forestville, has resigned his position and it is understood he will conduct a small manufacturing business of his own in Plainville, Conn.

The work of tearing down the brick walls of the old office building of the Holmes & Edwards Silver Co., Bridgeport, now Factory C of the International Silver Co., is in progress. On the foundation will be reared an addition to the factory similar in construction and design to the main building.

The St. Elmo Commandery of Knights Templar, of Meriden, has just prepared a memorial consisting of resolutions of respect and love for the worthy Sir Knight, Hon. Charles Parker, recently deceased. The special committee appointed by the Commandery consisted of Sir Knights H. W. Wales Lines, G. H. Wilcox and Chas. A. King.

Hiram Howard, Baldwinville, N. Y., lost \$5,000 in a recent fire at that place, July 31. It is estimated that the whole business district of Baldwinville suffered a loss of \$50,000.

**S. STERNAU & CO**  
204 CHURCH ST., NEW YORK.

**Some of Our Friends**

have omitted to call at our **New York Show Room, 204 Church Street, cor. Thomas,** to inspect our new goods. While we have had the pleasure of seeing a great many, we want **ALL** to call; make a point of coming this week. If our **New Catalogue** has not reached you, please let us know so that we may send it.

**S. Sternau & Co.,**  
204 Church Street, cor. Thomas,  
New York.  
Factory, Brooklyn, N. Y.

TRADE PAPER ADVTG. AGENCY N.Y. E140

**A. R. KATZ & CO., 87 Nassau St., New York.**

IMPORTERS OF **Diamonds.** MAKERS OF FINE

**DIAMOND JEWELRY.**

HEADQUARTERS FOR **DIAMOND INITIALS and MONOGRAMS**

SEND FOR SELECTION. IN 18K. GOLD AND PLATINUM FOR RIBBON VESTS.

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IMPORTERS  
AND  
JOBBER OF

**DIAMONDS  
WATCHES  
JEWELRY**

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NEW YORK.

100 STATE STREET  
ALBANY, N. Y.





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PAYABLE IN ADVANCE.

VOL. XLV.

CHICAGO, WEDNESDAY, AUGUST 6, 1902.

No. 1.

### Chicago Notes.

H. F. Hahn returned, last week, from a vacation spent at Mackinac Island, Mich.

W. G. Blish, Niles, Mich., was in this city looking over various lines last week.

James Biffi, of Dawson City, Yukon Territory, was placing orders in this city last week.

Gordon Rushmer, of the Rushmer Jewellery Co., Pueblo, Col., paid a visit to the trade, last week.

Mr. Ferguson, of Ferguson & Craig, Champaign, Ill., was a visitor of the trade during the week.

Harry Miller, of the Chicago office of Stern Bros. & Co., is spending a vacation at Michigan resorts.

Howard Rowbotham, representing C. P. Goldsmith & Co., stopped over for a day last week on his way east.

F. M. Drummond, with the Towle Mfg. Co., is spending a couple of weeks at the factory, Newburyport, Mass.

A. C. Becken leaves this week, accompanied by his family, to make a short visit to his old home at St. Paul, Minn.

Fred A. and George H. Spies, of Spies & Co., left, Saturday, with a party of friends for an extended cruise on the yacht *Tox-teth*.

Fred Thirle, of C. H. Knights & Co., leaves, Friday, with his family for Lake Geneva, Ill., where they will spend a short vacation.

C. G. Breitenbach, western representative for Wm. A. Rogers Ltd. leaves this week to spend a couple of weeks up the old St. Joseph River, Mich.

J. J. Dodgshun, western representative of the Waterbury Clock Co., returned last week from Lake Geneva, Ill., where he spent a pleasant vacation.

Will Juergens, of the Juergens & Andersen Co., returned last week from a month's vacation spent at Powers Lake, Wis., which he spent with his family.

S. C. Eppenstein, vice-president of the Illinois Watch Case Co., returned, last week, from a month's trip through the east. Mr. Eppenstein combined business with pleasure.

A. W. Sproehnle returned, Monday, from Atlantic City, N. J. "Sol." Hess, city salesman for Sproehnle & Co., is spending his vacation in New York. H. Winterberg, with the same concern, came in from the west for a couple of days last week.

Among other buyers in this city last week were: N. Jacobs, Ironwood, Mich.; Frank Anshutz, Shenandoah, Ia., and Otto Burk-lund and wife, Osawatomie, Kan.

W. W. Browne, representing the International Silver Co., who has been quite ill for some time, returned recently from a vacation, considerably improved in health.

Fred Allen, western representative for D. Wilcox & Co., is making week end excursions to "Belmont," his Summer cottage at South Haven, Mich., where his family are sojourning for the season.

O. R. Hirt, with the Juergens & Andersen Co., leaves this week for a vacation to be spent on the Eagle chain of lakes, Wis. Franz Eschenberg and H. A. Rheinhard, representing the same company, leave this week for their respective territories.

During the latter part of last week workmen were busy installing three "Diebold" skeleton safes in place of the old heavy Hall safes at the office of Louis Manheimer & Bros. The new safes occupy the same space as before, but have three times the capacity of the old ones.

Paul W. Serwich, representing the ecclesiastical department of the International Silver Co., is spending a couple of weeks traveling through the east on a pleasure trip. M. N. Burchard, with the same company, returned, Monday, from a pleasure trip spent in Wisconsin.

H. A. Clark, the United States Keeper of Indian Stores in Ft. Duchesne, who was accused by a representative of Loftis Bros. & Co. of larceny, disorderly conduct and making threats to kill, was cleared of the larceny charge by Justice Martin, Thursday. Clark says he will remain in Chicago and bring suit for damages against the jewelry house.

Beginning with August 1 the employees of the Illinois Watch Case Co., at Elgin, Ill., work 9½ hours a day and receive 10 hours pay. The factory will close every evening at 5.30 o'clock. The notice to this effect was posted at the factory on July 31. The reduction of the working hours with no reduction in the pay will not doubt be greatly appreciated by the employees of the company, the management and working force of which are on the best possible terms, and such unsolicited action will certainly have a tendency to strengthen these pleasant relations.

Word was received from Aurora recently that A. R. Chamberlain, a jeweler, of 20 South Broadway, had received four dia-

monds worth \$2,000 from a Chicago firm, who had received an order for the stones from two men claiming they came from Aurora. The men said the stones were to be used as a present for an alderman and the Chicago house refused to deliver the stones, but sent them to Chamberlain by special messenger. No one called for the jewels and they were sent back. The police believe that the diamonds were ordered by professional crooks who intended to steal them while in transit from Chicago to Aurora.

### Minneapolis and St. Paul.

Frank Waterbury, with Sischo & Beard, St. Paul, is spending his vacation in Eau Claire, Wis.

Rudolph Winter, of the Winter Jewelry Co., Minneapolis, is spending 10 days at Waconia, Minn.

H. E. Murdock, of the H. E. Murdock Jewelry Co., Minneapolis, has returned from a 30 days' trip to Newfoundland.

Mr. Langdon, manager of the jewelry department of the Powers' Mercantile Co., Minneapolis, has gone to New York.

J. H. Kelley, with Jacob S. Cohen & Co., St. Paul, has returned from the northern trip and has left for southern Minnesota.

J. B. Hudson, Minneapolis, will extend his store to the rear in order to secure space for additional wall cases and show cases. The room will be entirely redecorated and other improvements made.

C. F. Sischo, of Sischo & Beard, and F. A. Upham, St. Paul, left, Aug. 4, for a trip down the great lakes to Boston, where they will attend the convention of the American Association of Opticians.

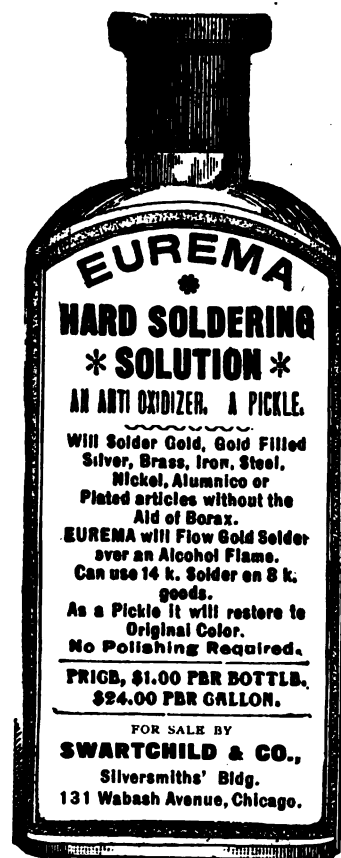
Among the visiting jewelers in the Twin Cities last week were: Edward S. Houghton, Brainerd, Minn.; Julius Anderson, Mora, Minn.; Mr. Swedberg, Hopkins, Minn.; F. D. Day, of F. D. Day & Co., Duluth; W. W. Winchester, Amery, Wis.

Mrs. Edna Schultz, wife of A. H. Schultz, the Cedar Ave. jeweler, in Minneapolis, has sued out a writ of attachment to secure possession of a diamond valued at \$250 from A. Leber, with whom she left it to be reset. Leber left his place of business and a man who had been in to secure work is supposed to have taken it, as he was idling around while Leber was out. Leber has closed his shop and is now working in a local mill.



# "We Say" Nothing Like It! Others Say

Somerset, Pa. July 21 1892.  
 To Messrs Swartchild & Co.  
 Chicago Ill  
 Gentlemen:-  
 We are in receipt of goods and find  
 everything very satisfactory as ordered.  
 The "Eurema" is just fine, and does its part  
 in perfection. The Balance Staffs fit perfectly  
 and think we could not get better ones at any  
 price. They are worth the money you  
 have given them.  
 Respectfully Yours  
 Geo. Bros.



Hundreds of similar testimonials!

## "OUR PERFECT"

**Balance  
Staff,**

**Balance  
Jewels,**

For all American Watches.

Price, Gray Balance Staff,	-	-	-	\$1.25	per dozen.
" Polished "	-	-	-	1.50	" "
" Cock and Foot Jewels,	-	-	-	1.50	" "

# SWARTCHILD & CO.,

Watchmakers' and Jewelers'

Supply House,

Established  
1870.

The Silversmiths' Building, 131-137 Wabash Ave., CHICAGO, U. S. A.



JOBING STONES. LAPIDARY WORK.

DPALS.

DOUBLETS.

**PEARLS****HERMANN & CO.,**MASONIC TEMPLE, CHICAGO.  
PRECIOUS AND IMITATION STONES.**FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.**

No. 809—131-137 Wabash Ave., Chicago.

Eastern Branch, 51 Malden Lane, New York.

BEST PRICES PAID FOR PEARLS.

F. C. KLEIN.

EMIL KLEIN.

**F. C. KLEIN & BRO.,**

126 State St.,

CHICAGO.

**Steam  
Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters,SPECIAL ORDER AND JOB WORK  
A SPECIALTY.

80 E. Madison St., Chicago.

**AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

1618 MASONIC TEMPLE, CHICAGO.

Diamonds, Special Bargains on Approval. 1 Carat,  
\$50.00. Recutting. Fine Mountings. Try us.  
90 Madison St., Chicago.**An Economical Luxury.**CHEAPEST IN EXPENSE, MOST SATIS-  
FACTORY. SEARCH-LIGHT VAPOR LAMPS  
FOR ANY USE. ARE RIVALLED ONLY BY  
SUN LIGHT.

Search-Light Mfg. Co., 182 Division St., Chicago

**Kansas City.**

## TRADE CONDITIONS.

The weather for the past week has been hot and sultry, making shopping intensely disagreeable. Notwithstanding this the retailers report trade quite brisk. The manufacturing business is experiencing a decided rush, and all houses report an immense business.

Frank M. Shirey, formerly in business in Joplin, was in Kansas City, last week.

Mr. Nevins, with the Meyer Jewelry Co., is away on a trip through Colorado and Utah.

Frank S. Hester, Lawrence, Kan., has gone on a three weeks' trip to the lakes, with his family.

E. A. Hosier, of the Cady & Olmstead Jewelry Co., has left for a fishing trip to northern Minnesota.

Miss Emilie Russell, daughter of C. E. Russell, is spending the Summer with friends in Minneapolis.

M. C. Riggs, manager of the Columbian Optical Co., has returned with his bride from their wedding trip.

W. R. Tilley, formerly with the Eisenstadt Mfg. Co., St. Louis, Mo., has entered the employ of Stuhl, Hassig & Krieke.

C. E. Russell and wife have moved to their new residence located at 2846 Tracy Ave., recently purchased by Mr. Russell.

The following out-of-town buyers were in Kansas City last week: James H. White-side, Liberty Mo.; W. S. Evans, Hiawatha, Kan.; Samuel J. Huey, Excelsior Springs, Mo.; O. M. Atwood, Clifton, Kan.; Gorton Rushmer, Rushmer Jewelry Co., Pueblo, Col.; Mr. Wiggins, with George M. Howe, Wichita, Kan.; C. B. Reed, B. H. Reed & Co., Polo, Mo., and Clement A. Clement, Springfield, Mo.

**St. Louis.**

## TRADE CONDITIONS.

Business is about the same as usual at this season of the year. The wholesale trade is also quiet.

Traveling men have been spending the last two or three weeks getting their samples ready for their trips, fixing prices, etc. They have now started out on their trips and by the latter part of next week orders will begin to come in.

Arrangements have all been completed for the 12th annual basket picnic and outing of the Retail Jewelers' Association that will be held next Sunday, Aug. 10. The largest excursion boat on the river, the *City of Providence*, has been engaged and it will leave at 9.30 A. M. for the picnic grounds, Montezano Springs. Some 2,000 persons are expected to attend and games, contests, etc., have been arranged for, with handsome prizes for the winners.

**Detroit.**

Joseph H. Lachmann, jeweler, at 857 Russell St., was last week arrested, charged with concealing stolen goods. In this connection an alleged gang of thieves was also locked up by the police.

George H. Rogers, or Carl Thompson, of Chicago, who recently entered the store of John H. Schwegler, 34 Monroe Ave., and asked to look at some diamonds, afterwards holding up the proprietor with a revolver, is at liberty. The jeweler left the store, leaving \$10,000 in diamonds on the show case. Rogers did not touch them and when the officers arrested him he had the revolver in his hand and declared it was a joke, the result of reading dime novels. The police apparently believed his story and as Schwegler did not feel inclined to press the prosecution, he was released, rearrested and fined \$25 or 90 days in the House of Correction. His attorney paid the fine.

Charles W. Warren and Frank R. Fitch, formerly of Wright, Kay & Co., have started for New York to buy goods for their new store which will be opened about Sept. 15, in the new Arcade building, between Washington and Woodward Aves. The capital stock of the company is \$25,000, all paid in. While in New York headquarters will be at the office of Ludwig Nissen & Co. The officers are as follows: President, C. W. Warren, formerly with Sturgeon & Warren; vice-president, Frank R. Fitch; treasurer, Walter S. Harsha, clerk of the United States District Court; secretary, Gerald J. McMeehan, chief accountant of the Union Trust Co. The above, together with C. J. Hartz, dealer in surgeons' supplies, will have active charge of the business.

**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**Order direct from us and get "HIGH  
QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.

Trade-Mark.

Columbus Memorial  
Building,

103 State St., Chicago, Ill.

Room 260  
Columbus  
Memorial Building**103 State Street  
Chicago, Ill.**

EUROPEAN OFFICE

Dorus Van Praag  
9 Rue Milton

PARIS, FRANCE



**Cincinnati.****TRADE CONDITIONS.**

Never in the history of the jewelry business has there ever been such watch sales in July as during the past month, and the demand seems to be on the increase. The question now is will the jobbers be able to furnish movements. From the sales at present it would almost seem that there must be a dearth of movements before the holiday trade sets in. About three of the big houses in Cincinnati are pretty well stocked and look for a lively business from now up to October.

Harry Walton has returned from a successful trip.

A. G. Schwab has returned from the lakes and started out on a trip last week.

Edward Albert, of Albert Bros., has returned from an extended trip through the west.

Mrs. Jos. Kern, Louisville, Ky., stopped in Cincinnati to visit friends last week on her return from a visit in the east.

A sneak thief entered the store of Wm. Murphy, at Milford, O., and stole a watch and other articles in the show case.

Henry Fox, of Fox Bros. & Co., returned last week from a trip of several weeks to the northwest and on the lakes.

Edward Cramer, of Gustave Fox & Co., has gone to Colorado for the benefit of his health. His many friends wish him a speedy recovery.

Gustave Fox & Co., who are buying all the elk teeth they can obtain, report that the demand for Elk teeth charms is reviving with unusual strength.

Frank Stegeman, of the Wadsworth Watch Case Co., is spending the month of August in the east at the seashore. He is accompanied by his wife.

Theodore Neuhaus & Co. received the order for the badges of the Laundrymen's Association. The order includes 500 gold badges, and of these 150 are for ladies.

J. E. Wuersten, Montpelier, Ind., with a party of friends, stopped over in Cincinnati a few days last week on their way home from a three weeks' tour of eastern resorts.

**Pittsburgh.**

F. F. Lang, of Gillespie Bros., is back from a vacation spent at Lake Conneaut.

John F. Zugschwert and wife, Carnegie, returned, last week, from an extended Californian tour.

George B. Barrett, of the G. B. Barrett Co., leaves this week for a trip on the St. Lawrence River.

Charles O'Brien, manager of L. W. Vilsack & Co., has returned from a two weeks' stay at Conneaut Lake.

A. A. Gillespie, of Gillespie Bros., will leave, this week, for a western trip, which includes a tour of the Great Lakes.

L. W. Vilsack leaves the latter part of this week for Atlantic City, where, with his family, he will spend two or three weeks.

J. B. Beech, traveling for Wilcox & Derby, Meriden, Conn., with his wife, were in the city last week. They are on their way for a western business and pleasure trip.

E. H. Kennerdell, Tarentum, Mrs. L. C. Brehm, West Newton, H. A. Reineman, McKeesport, and F. F. Robinson,

Vandergrift, were among the out-of-town jewelers who called upon the Pittsburgh wholesalers during the past week.

**Indianapolis.**

Jos. E. Reagan has joined his family at Ludington, Mich.

J. H. Reed is using bright yellow yard sticks to advertise his jewelry store.

Fritz Nichols, of S. T. Nichols & Co., is spending August at Ludington, Mich.

Frederick M. Herron has returned from Georgian Bay, where he had been summering.

Walter E. Sanders has discontinued his jewelry and watch repair shop at Cromwell, Ind.

John P. Mullally donated a handsome opal ring as one of the prizes in a recent base ball game for the benefit of the "Fresh Air Fund."

Dunbar & Johnson have succeeded to the entire hardware and jewelry business of A. O. Duncan, in Saint Jo, Tex.

**"THE EBCNY KING."**

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the  
United States.

Prices positively the lowest.  
Catalogue Ready August 10th.

**Fine Fans and Jewelry.**

**IF YOU send me five or more  
watches to repair at one  
time, I give 5% discount.**

**DEMAGNETIZING.**

**WILHELM K. SANDBERG,**

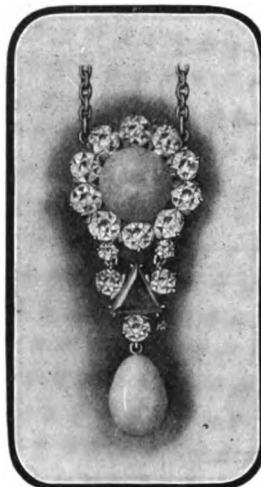
**WATCHMAKER,**  
Columbus Memorial Bldg., CHICAGO.

**SEND FOR PRICE-LIST.**

ESTABLISHED 1864.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.

**Hand Painted China**

is the CALL of the HOUR. We make a full line of VASES, PLATES, PUNCH BOWLS, TANKARDS, CHOCOLATE SETS, and all the styles of fancy pieces from \$1.00 to \$100.

SILVERWARE is a thing of the past—no one asks for it. CUT GLASS is all of the same appearance, no matter who makes it.

HAND-PAINTED CHINA is a class by itself, and every piece has a color and style which distinguishes it from the ordinary line of goods that is shown. Every piece is a MASTERPIECE, executed by the very best talent, both foreign and American.

Drop us a letter and we will tell you all about it.

**D'Arcy  
Art  
Studio,**

Kalamazoo,  
Michigan.

PAT'D



Victory Button Back.

**GEBHARDT BROS.**

MAKERS OF  
**DIAMOND MOUNTINGS,  
CLASS PINS and BADGES.**

Victory Attachments, Jobbing a Specialty.  
Samples and New Price-List on application.



**LION BLDG.,  
CINCINNATI.**



**DRACKETT & JEHLINGER**  
JEWELERS - CHICAGO



20th  
Century  
Concern.

92-98 State St.

## NOW READY

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett & Jehlenger,**  
JOBGING JEWELERS,  
Stewart Bldg., CHICAGO.

## Cash for Stocks. Stocks for Cash.

Boss, Dueber, Crescent, and Essex cases bought from stocks; readily pass for new; in first-class condition. Biggest money makers on earth.

18 size, 14 K.,	-	-	\$5.00
18 size, O. F.,	-	-	5.00
16 size, hunting,	-	-	5.50
16 and 18 size, O. F., jointed,	-	-	4.75
12/6, hunting,	-	-	4.25
12/6, O. F.,	-	-	3.00
16 and 18 size, S. B. & B.,	-	-	2.50
18 size, nickel cases,	-	-	.35

Send your orders early. These bargains will not last long. Complete price-list and catalogue mailed on application.

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

### San Francisco.

Thomas Lundy served on a jury last week.

C. L. Dresbach, San Mateo, is spending his vacation at Pacific Grove.

F. A. Montgomery and wife, Sutter Creek, Cal., were in town last week.

C. L. Lincoln recently returned from Manila, where he acted as interpreter for the army.

Rudolph Schmitz, head diamond salesman of the Baldwin Jewelry Co., has gone to the mountains on a vacation.

H. Richard Condy, Wadsworth, Nev., recently arrived in the city, bringing with him his mother, who comes for the benefit of her health.

Chas. Isaacs, of the Baldwin Jewelry Co., recently returned from a 14 weeks' tour of Europe, during which he visited the principal diamond centers.

The Antwerp correspondent of the CIRCULAR-WEEKLY, in noting the presence in the diamond market of G. Marcus, of the California Jewelry Co., gave the name as G. Hardus.

The Chinn-Berretta Optical Co. recently had a close call by a fire which broke out, probably from crossed electric wires in the optical dark room, the latter being entirely destroyed. The rest of the store was somewhat damaged by the smoke.

The Alphonse Judis Co., wholesale jewelers, will move after Jan. 1 into the new Mutual Savings Bank building, on Market St., which will be one of the finest buildings in the city. The company will have 50 per cent. more space than in the present location in the Chronicle building.

Among the visitors to the trade last week were: E. A. Baer, Bakersfield; C. R. Wicks, Willow; M. Markheim, Stockton; Read McCraney, Sonora; E. M. Hoyt, Hillsboro, Ore.; H. C. Warner, Fresno; E. J. Noack, Sacramento; A. H. Grinnell, Bakersfield; George Daunt, Petaluma; Emil A. Schober, Port Townsend, Wash.

### Pacific Northwest.

#### TRADE CONDITIONS.

Business throughout the jewelry trade keeps up nicely. Portland is full of tourists, which gives business considerable activity. Dealers are making special displays of diamond jewelry and fine watches for which there appears to be an increased demand.

O. R. Simenson, Olympia, Wash., has moved to a new location in that city.

A second annual speculative clearance package sale was held at J. H. Leyson's store at Butte, Mont., last week.

Jaeger Bros., Portland, Ore., on Sept. 1, will occupy the other half of the store they are now in, which will give them a space 30 x 50 ft.

An electric clock has been placed in Eugene, Ore., by the Western Union Telegraph Co. The dial is 24 in. in diameter

and surrounded by a broad, square frame, exhibiting a huge advertisement.

Recent buyers in Seattle, Wash., were the following: Paul H. Neuffer, Olympia; May E. Taylor, Whatcom, and Harry Hagen, Segerstrom & Hagen, Nome City.

George G. Hedger, jeweler and optician, Walla Walla, Wash., will go to San Francisco on a business trip next month. While in the Bay City Mr. Hedger will purchase a manufacturing optician's plant, which he will install in his Walla Walla store.

The fourth annual tournament for the championship of the State of Oregon, lawn tennis, has now commenced, and prizes consisting of solid silver hat pins, cups, gold pins, match cases, etc., for the winners, are on exhibition in one of A. & C. Feldenheimer's store windows and attract much attention.

F. Gabler, watchmaker in the employ of Thos. J. Thomas, Renton, Wash., has used his vacation partly in hunting with the Sheriff's posses for Harry Tracy, the Oregon outlaw who had been hiding in the vicinity of Seattle. While he was searching for the outlaw he entered a house in the woods to see friends for a few moments and on returning to the same house a day later was surprised to hear that Tracy had been in a room next to the one he had entered, but that he had threatened the lives of the family if they declared his hiding place.

### Pacific Coast Notes.

Henry Beschinen, Tracy, Cal., has made improvements in the exterior of his store.

A. R. Ranch, manager of Mrs. J. H. Hoever's jewelry store at Willow, Cal., has left on a six weeks' vacation, which he will spend in Oregon and Washington.

L. W. Gould, who for several years conducted a jewelry store at Cottonwood, Cal., was recently in that town visiting old friends. He is at present traveling for a Chicago clothing firm.

### Cleveland.

The Deutsch Jewelry Co. started six salesmen on the road Monday morning.

Captain R. E. Burdick, of the Bowler & Burdick Co., is in Italy at present, and is expected to arrive home about Aug. 20.

G. H. Tipling, of the Sigler Bros. Co., is spending his vacation at Atlantic City and other eastern points.

Arnstine Bros. & Mier will have their new catalogue out in about three weeks. Three of the traveling men of the house, A. E. Knight, for Michigan, W. H. Snyder, for Indiana, and A. C. Johnson, for Ohio and West Virginia, started on the road the first of the week.

The Sigler Bros. Co. have a new street clock which keeps as accurate time as a

American and Swiss G. Hadenfeldt & Hadenfeldt Watches.

Diamonds and Precious Stones.

Silver Novelties.

Sterling Silverware.



207 Sutter St., San Francisco, Cal.

California Jewelry Factory.

Quartz Jewelry.

Jewelry of Every Description.



watch. In the past four weeks it has varied only a few seconds.

A. L. Bonewell, Gibsonburg, O., and Frank Forbes, of Kindsman, were in this city last week.

Charles Ettinger has bought the business of Charles Stein, at the corner of Ontario and Prospect Sts., and will continue it under the name of The Ettinger Co. The store room is being entirely remodeled and redecorated. Next year the building near the Square now occupied by Mr. Ettinger as a jewelry store, will be torn down to make room for a modern skyscraper. Mr. Ettinger has a long lease on one of the rooms in the new block and will continue his business there in addition to the store at Ontario and Prospect Sts.

### Nashville, Tenn.

Word was received here from Bristol, Tenn., last week, that a negro who broke into W. T. Hartsock's jewelry store had been captured and had been taken to Blountville Jail to await trial. The burglar sold one of the stolen watches and the police traced him in this way. A search of his house revealed the stolen goods and also a key to fit at the jewelry store of Mr. Hartsock.

The case of B. Tunstall, charged with perjury, was on the calendar of the Criminal Court, Monday afternoon. Tunstall was an agent for P. H. Sawyer & Co., and was entrusted by them with a diamond worth \$125, to sell. Tunstall, it is said, sold the diamond to the man, who claimed, later, to have lost it. It was found in a pawnshop and recovered by the owners, and Tunstall was indicted for swearing that the stone was his property.

The committee appointed by the Retail Merchants' Association to secure the consent of the jewelers to an early closing agreement have reported that the following jewelers have agreed to close at 5 P. M. every day but Saturday until September: The B. H. Stief Jewelry Co., Jensen, Herzer & Jeck, Geo. R. Calhoun Co., D. Lowenheim & Co., R. Hullebrand & Son, Ernest Wiggers, L. L. Shelland, Alexander Jacob, James Wittenberg and A. & H. Wenning. These are the leading jewelers of the city, and the others will probably follow suit.

### Baltimore.

J. W. Putts will spend the month of August with his wife and two daughters at Bedford Springs, Pa.

The workshop of Jacobi & Jenkins, silversmiths, 216 N. Charles St., was recently shut down for two days to allow a much needed overhauling of the machinery.

A magnificent memorial window has just been completed in St. John's Catholic Church, Westminster, Md., by Mayer & Co., of New York and Munich. The window is a two-light lancet with top tracery light, each lancet being nine feet high. The material used is English antique glass and was designed and executed at the Royal Bavarian establishment, Germany, and was selected by the rector while on a visit to Europe last Summer. It was made by the best artist of the company.

# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

## L. T. GRANT & CO.,

Telephone,  
4176 Cortlandt.

17 Maiden Lane, New York

MANUFACTURERS OF FINE GOLD JEWELRY, RINGS AND  
DIAMOND MOUNTINGS OF ALL KINDS.

SPECIAL ORDER WORK.

ESTIMATES AND DESIGNS FURNISHED.

All kinds of REPAIR WORK promptly done in first-  
class manner. All work guaranteed.



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## Special Notices.

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 Display cards on this page, \$2.00 per inch.  
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## Situations Wanted.

**YOUNG MAN, 24,** salesman with first class retail or wholesale jewelry or silver house, would prefer the road. "S. 24," care Jewelers' Circular-Weekly.

**AN EXPERIENCED** mounting salesman desires to make connection with first class house; city or road. Address "Capable," care Jewelers' Circular-Weekly.

**WANTED,** position as watchmaker; is A1 workman and has had 1 1/2 years' experience as railroad inspector. Address "A1," care Jewelers' Circular-Weekly.

**SITUATION WANTED** by watchmaker, engraver and graduate optician; fine tools, trial case, etc.; honest and reliable; A1 reference. Address G. O., care Jewelers' Circular-Weekly.

**SITUATION WANTED** by first class letter engraver; can also do jewelry repairing; 16 years' experience; can furnish samples. Address "K. 55," care Jewelers' Circular-Weekly.

**ENGRAVER AND JEWELER** wishes position with first class house; can give satisfactory references; western States preferred; age 28. Address "Young," care Jewelers' Circular-Weekly.

**SALESMAN, 20 years'** experience, established trade in New York City and the vicinity, would make contract with reliable manufacturer of jewelry. C. B., care Jewelers' Circular-Weekly.

**REFINER, young, 17,** strong and willing, well experienced in assaying, refining and smelting, seeks position with refiner or jeweler; city or country. I. N., care Jewelers' Circular-Weekly.

**WANTED, SITUATION** in silver plated ware or kindred business; thorough knowledge of manufacturing and ability as designer for same. Address E. H. W., 329 West 20th St., New York City.

**AN ENGRAVER** and optician, who does window trimming and is good salesman, wants permanent position; good stockkeeper; trial case; A1 references. Address Morgan D. Wise, Janesville, Wis.

**POSITION** as traveling salesman; 15 years' experience with the trade in the west, Wisconsin, Minnesota, Iowa, Nebraska to the coast; A1 references. Address H. D., care Jewelers' Circular-Weekly.

**WANTED,** position as buyer; have had experience in conducting regular jewelry business, also has a thorough knowledge of department store methods. Address "C. 28," care Jewelers' Circular-Weekly.

**WANTED, POSITION** as salesman on the road; silverware, jewelry or general line; 18 years' experience in retail business; good appearance; good salesman, don't drink. Address "J. H.," care Jewelers' Circular-Weekly.

**MAN** with established trade in Michigan, Illinois, Indiana and Iowa, desires position as traveler for a house handling either a general line or line of first class rings. Address J. L. H., care Jewelers' Circular-Weekly, 810 Champlain Bldg., Chicago, Ill.

**POSITION WANTED** by a first class watchmaker and jeweler with 20 years' experience in all kinds of watch work and jewelry repairing; capable of taking full charge of repair department. Address "Competent 87," care Jewelers' Circular-Weekly.

**WANTED,** road position with a good house, by a young man 27 years of age, of prepossessing appearance and well versed in jewelry, watches and diamonds; good salesman and a hustler; best of references. Address "R. X. V.," care Jewelers' Circular-Weekly.



**SITUATIONS WANTED—Continued.**

**WANTED POSITION** as foreman or manager; silver novelty manufacturing concern preferred. by a man 30 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

**SITUATION WANTED** by expert watchmaker and engraver; competent on chronographs, repeaters and railroad watches; good salesman; sober and reliable; convincing references; 20 years' at the bench; don't answer unless you can pay \$25 per week with a permanent position. Address J. J. Leonard, Cairo, Ill.

**WANTED**, traveling position next January; 17 years' experience in retail jewelry store as watchmaker and salesman; past six years with Perry & Stone, New London, Conn.; other references with Mr. Tunison, 54 Maiden Lane, New York; any territory; American, age 35. A. T. Hatch, care Perry & Stone, New London, Conn.

**Help Wanted.**

**WANTED**, at once, a first class jewelry jobber and stone setter; permanent position. Address Mather Bros., New Castle, Pa.

**WANTED**, WATCHMAKER; must be fine workman, no other need apply; best references required. Address E. W. Button & Co., Bridgeport, Conn.

**EXPERIENCED OPTICAL CLERK**, living in New York City or suburbs, wanted by R. L. & M. Friedlander, 30 Maiden Lane, New York; inquire in rear.

**WANTED**, by Oct. 1, or earlier, a first class jeweler and engraver; give references, state wages wanted and enclose sample of engraving. Address "Position," Box 383, Richmond, Va.

**WANTED**, thoroughly competent watchmaker and engraver; state qualifications, age, married or single, and wages asked; permanent position. E. R. Mason, 69 Court St., Binghamton, N. Y.

**GOOD WORKMAN** on watches, clocks and jewelry; single man preferred; own tools and lathe; wages, \$12 to \$15 per week for good man; no bad habits. Pickering & Jelliff, Mansfield, O.

**WANTED**, SALESMAN, having some experience in optical line for city and short trips in New York State. Address, stating experience and salary expected, "Ability," care Jewelers' Circular-Weekly.

**WANTED**, by a large manufacturing concern, a young American, over 21, as salaried salesman, to call on city jewelry trade; one speaking German preferred. Address Box 53, Jewelers' Circular-Weekly.

**WANTED**, ASSISTANT WATCHMAKER and jeweler for retail store; permanent position to young man of good address and abilities; wages from \$10 up; give full particulars in first letter. Fred J. Johnston, Bradford, Pa.

**WANTED**, A1 WATCHMAKER and engraver; state full particulars and send sample of engraving in first letter; also young man to repair clocks and make himself generally useful in store. Address August Hinrichs, Clinton, Iowa.

**WANTED**, a young man about 18 years old who has had experience in the tool and material business or the wholesale optical business; must have first class recommendations. Address in own handwriting, stating salary expected, giving references and full particulars. Address "California," care Jewelers' Circular-Weekly.

**A NEW YORK** wholesale house, desiring to issue a small illustrated catalogue of watches and jewelry, requires the temporary services of some one (male or female) who has had experience in this work; none others need apply; applicant must live in New York or suburbs; state experience. "Catalogue," care Jewelers' Circular-Weekly.

**WHOLESALE JEWELRY AND WATCH BUSINESS**, three travelers wanted by a New York firm; one for New York, Pennsylvania, New Jersey and Connecticut; one for the Middle West, also New England States; one for New York City and suburbs; applicants must command a large and lucrative trade in above places, in a general line of goods kept by jobbers, such as gold card jewelry, gold rings, diamond mounted jewelry, watches and loose diamonds; none others need apply; state territory, experience, etc.; position can be filled now or Jan. 1, 1903; all correspondence confidential. Address "Chance," care Jewelers' Circular-Weekly.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19" care Jewelers' Circular-Weekly.

**Business Opportunities.**

**DO YOU WISH TO RETIRE?** Will buy your surplus or entire stock of diamonds, watches, and jewelry quickly for spot cash; correspondence strictly confidential. Address Chas. Jacobs & Co., 22-24 Lispenard St., New York City.

**WATCHMAKER**, with some capital, to buy a complete stock of watch material, etc.; good road outfit with line of trade, or can establish as jobber; rare chance. Address A. R., care Jewelers' Circular-Weekly.

**WANTED**, by an experienced jeweler and optician, a party with \$5,000 to \$10,000, to open a store in the best locality in the United States. If you have money and mean business, address "H. 5," care Jewelers' Circular-Weekly.

**FOR SALE**, a complete stock of watch material, tools, etc.; invoices \$2,500 with outfit ready for the road; good line of trade; will be sold cheap; chances like this don't offer often. Address "Bargain," care Jewelers' Circular-Weekly.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

**EXCEPTIONAL OPPORTUNITY**—Wish to sell watch, jewelry and optical business in wealthy neighborhood, New York City; best location in city; good returns for repair work; reason for sale, owner must leave New York; two safes, quick selling stock, fine fixtures, etc.; price, about, \$3,500. For particulars address Z. X., care Jewelers' Circular-Weekly.

**For Sale.**

**FOR SALE**, JEWELER'S ROLLER, engine turning lathes center lathe, numbering machine, blower; will be sold cheap to a quick buyer; also, 500 up-to-date watch case dies. R. Siegner, 529 Broadway, New York City.

**FOR SALE—SIGNS**. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**DESK ROOM** to let. Inquire Room 81, 7 Maiden Lane, New York.

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**Miscellaneous.**

**GOLD SOLDERING** made easy; on receipt of \$1 the undersigned will send full printed instructions, how to make and use, the finest gold soldering solution in the land. D. L. Cleeland, Jeweler, 125 S. Main St., Butler, Pa.

**MANUFACTURING SILVERSMITH**—A gentleman with an established business in London, England, and good connection among silversmiths and jewelers, is open to receive agency; full particulars or interview can be arranged during August. Address Box 37, Jewelers' Circular-Weekly.

**A WATCH JOBBER,**

established in the center of the Swiss watch manufacturing localities, knowing well where to buy advantageously goods of American style, supplies, etc., desires to be entrusted with orders of wholesalers to buy on commission. Address "Q. 2118 C.," Haassenstein & Vogler, Chaux-de-Fonds, Switzerland.

**OUR SCHOOL**

**For WATCHMAKER, JEWELER and ENGRAVER** is second to none. :: :: Refers to two thousand pupils. G. D. PARSONS & SON, Baltimore, Md. Baltimore and Charles Sts.

**PEARLS BOUGHT FOR CASH.**

If a customer should bring you any Diamond or Pearl jewelry to sell, and you do not care to buy it yourself, take it to

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**Their History, Sources  
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**SIXTH EDITION.**

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The contents of the volume may be briefly summarized as follows: Precious stones in general—Sources; history; working; cutting (including various forms); engraving and carving; burning and coloring; and trade conditions (60 pp.); diamonds (36 pp.); rubies (31 pp.); sapphires (14 pp.); star stones, spinel and bolog (5 pp.); emeralds (10 pp.); true cat's eye and Alexandrite (5 pp.); opals (5 pp.); turquoise (14 pp.); semi-precious stones, about 40 varieties (74 pp.). Classifications, appendices and index occupy the remaining 34 pages.

**The Jewelers' Circular Publishing Co.,**

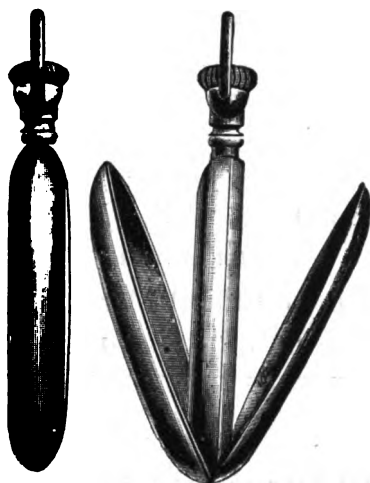
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**Corner Broadway, NEW YORK.**



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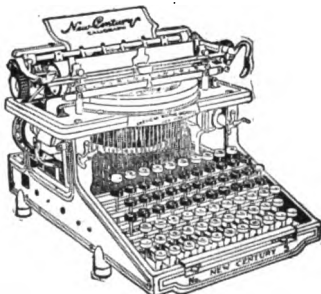
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FOR  
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engraved or plain.

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Superior in results to any other.Write for  
"The BOOK of the NEW CENTURY."AMERICAN WRITING MACHINE COMPANY,  
343 BROADWAY, NEW YORK.**Optical Notes and Briefs.**

(Additional Optical News on page 68.)

P. Scholler, a Lake Linden, Mich., optician, has sold his residence on Heele St.

Eph. Weiss, a traveling optician, reports a big business in northern California.

J. Ehrlich &amp; Sons, New York, will open another new store this week in the Broad Exchange building, 25 Broad St.

Dr. N. S. Casey has severed his connection with C. J. Anger, optician on Kearny St., San Francisco, Cal., and will travel on the road as an optician.

A. P. Schweizer, of Schweizer Bros., Selma, Ala., was one of the recent incorporators of the "People's Savings Bank of Selma," which is capitalized at \$50,000.

The Spencer Optical Mfg. Co., New York, has put on the market an eyeglass with an entirely new and original style of nose-guard. The guard is so arranged that it supports the eyeglass by pressing on both sides of the nose instead of on the top. It can be used only with temple guard glasses and is very similar to the *pince-nez* guard except that it does not pinch the nose and is held in position only by the temple guards.**The Wisconsin State Optical Society Holds  
Its Third Annual Meeting.**

OSHKOSH, Wis., July 30.—The Wisconsin State Optical Society held its third annual meeting at the Hotel Athearn, yesterday afternoon. The total membership of the So-

ciety is 51, and 40 members were present. Alva Snyder, of Beloit, presided and I. M. Addleman, of Tomah, acted as secretary.

The report of secretary H. C. Wiegand, Racine, showed the finances of the Society to be in excellent condition. The president, in his annual address, congratulated the Society upon its three years of successful existence and predicted bright things for the future. He laid particular stress upon the fact that the Society was accomplishing its chief object, namely, the elevation of optical standards.

The papers read included: "The Nature of Light," by J. H. Williams, Milwaukee; "The Anatomy and Physiology of the Eye," by Louis Muskat, Milwaukee; "Skiameter and Skiameter of the Eye," by Gustavus Kahn, Winneconne, and "The Anatomy and Diseases Found in the Eye by the Ophthalmoscope," by Dr. Earl J. Brown, of Chicago.

Mr. Kahn's article, which is an exhaustive discussion, will be published in full in a future issue of THE JEWELERS' CIRCULAR—WEEKLY.

**Greenfield, Mass.**

Emil Weissbrod, of Emil Weissbrod &amp; Sons, is spending the Summer abroad and will visit his old home in Germany before returning.

The trial of Louis Bitzer, the Turner's Falls jeweler now in the Franklin County Jail here, charged with murder, has been indefinitely postponed.

**LOVING CUPS**in Sterling Silver and the  
new COPPER FINISH.Mounted with Buck-horn and Tusk Handles  
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Also New and Attractive Designs in

Sterling Mounted Glassware,  
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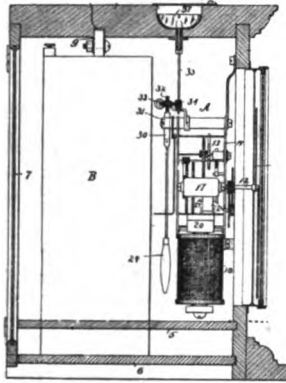
**Secret Lock  
Bracelets**



**The Latest Patents.**

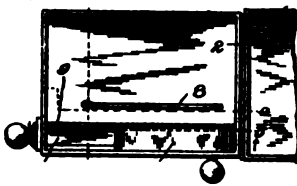
ISSUE OF JULY 29, 1902.

**705,558. ELECTRIC CLOCK.** JOSEPH BUTCHER, New York, N. Y., assignor to Simeon N. Putnam, Jersey City, N. J. Filed Oct. 16, 1901. Serial No. 78,785. (No model.)



In an electric clock, of the character described, the combination with the movable armature and the weighted pawl-lever, of a flexible connector which couples them together, and a contact device actuated to close the operating-circuit by the straightening of the connector when the said weighted arm descends.

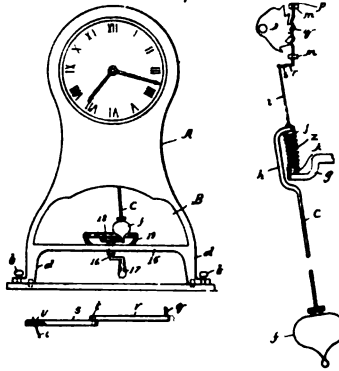
**705,578. MATCH-BOX.** JOHN B. FREDERICK, New Kensington, Pa. Filed Dec. 11, 1901. Serial No. 85,482. (No model.)



In a match-box, the combination with a receptacle having a partition therein, secured to the ends thereof, with a space between the lower edge of the partition and the bottom of the receptacle, a spring-actuated guide comprising a casing, one side of which has an elongated slot therein, with

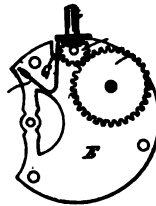
a lug carried by one side of the receptacle, and being received in said slot, the other side of said casing engaging the one side of the partition with top of the casing engaging the upper end of the partition, the rear edge of the casing carrying a lug for engagement with a single match, the end of the receptacle having an opening therein, for the passage of a match, an extension carried by the front end of the casing and operating through the said end of the receptacle, and carrying a knob for operating the guide-casing.

**705,647. CONICAL PENDULUM.** FRANK M. CLARK, Tilton, N. H., assignor to George L. Clark, Worcester, Mass. Filed Feb. 19, 1901. Serial No. 47,971. (No model.)



In a clock a conical spring arranged with its base-coil horizontally nearer the clock-base than is its apex; a conically-moving pendulum supported from the apex of said spring; and devices for driving said pendulum from its upper end.

**705,703. STEM-WINDING WATCH.** WILSON

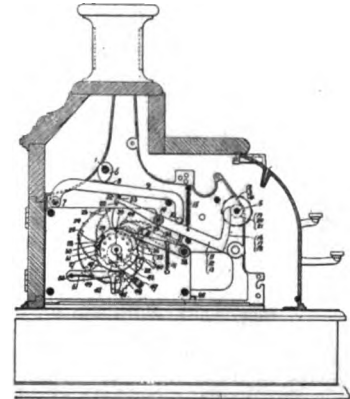


E. PORTER, New Haven, Conn., assignor to the New Haven Clock Co., New Haven,

Conn. Filed Jan. 22, 1902. Serial No. 90,789. (No model.)

In a watch, the combination with the movement or supporting plate, having a slot extending to its periphery; of a wheel mounted on a post, which post is adapted to fit within said slot, and is prevented from longitudinal withdrawal therefrom; and a spring closing the open end of said slot, and normally tending to force said post toward the closed end of said slot.

**705,909. TIME-STAMP.** NORMAN COLLINS, London, England, assignor to the Empire Cash Register, Ltd., London, England. Filed July 10, 1901. Serial No. 67,727. (No model.)



In a time-stamp the combination of type-wheels respectively adapted to denote hours and tens and units of minutes; racks respectively in gear with said type-wheels for imparting rotary movement thereto; rock-levers for operating the respective racks; clock-driven small-cams stepped to correspond respectively to hours and to tens and units of minutes of angular movement for determining the amplitudes of the oscillations of said levers; springs for moving said levers up to the respective cams; a hand-operated main shaft and mechanism actuated thereby adapted to normally hold the said levers out of contact with the said snail-cams and to permit by the revolution of said shaft the levers to be brought, by the respective springs, into operative contact with the said cams, for revolving the respective type-wheels to extents determined by the respective cams.

**705,958. FOUNTAIN-PEN.** RIDLEY C. PAINE,

## "The Dover Improved" PIN TONGUE AND JOINT.



Patent Allowed.

You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

**SPECIAL**—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

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The Largest Makers of Metal Ornaments, Jewel Settings and Jewelry Components in the World.

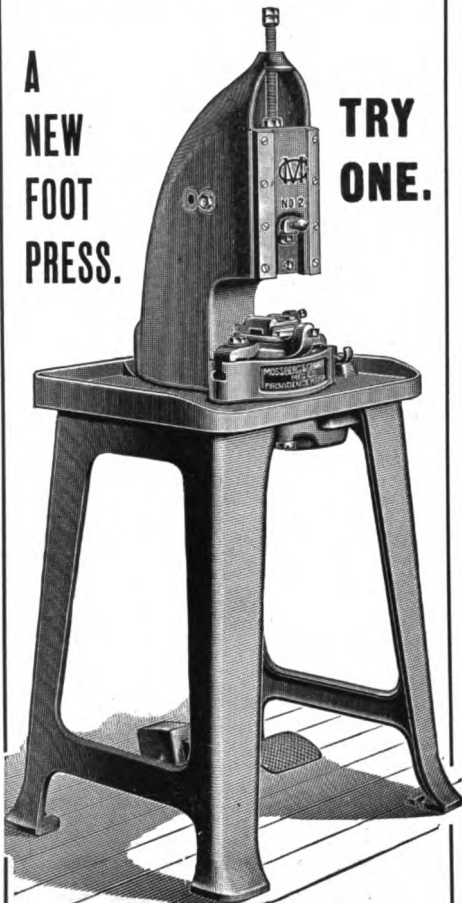
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## CRUCIBLES

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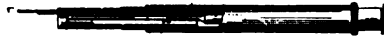
**GARREAU & GRISER**

68 & 70 Nassau St., New York.

**LAPIDARIES.** PRECIOUS  
STONES.  
GEMS in Unique Cuttings.

Bethel, N. Y. Filed Nov. 21, 1901. Serial  
No. 88,144. (No model.)

A fountain-pen, comprising a casing having in  
its end carrying the pen a contracted opening, the  
outer wall of which flares outwardly to form a

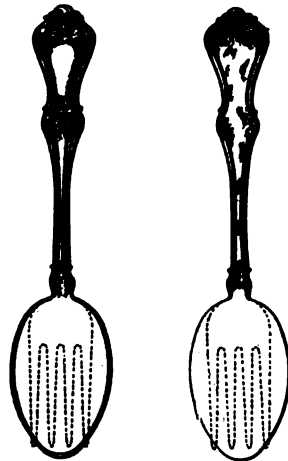


conical valve-seat, a rocking feeder adapted to  
move in and out through the valve-seat by gravity  
to feed the ink to the pen and to drain the ink  
therefrom, and a cap adapted to be secured on the  
casing and provided with a valve for engaging the  
said valve-seat when the cap is in position.

**705,991. TIME-SWITCH MECHANISM.**  
GEORGE ZAEFFEL, Croghan, N. Y., assignor  
of one-half to George W. Henderson, Cro-  
ghan, N. Y. Filed Oct. 24, 1901. Serial No.  
79,846. (No model.)

A clock mechanism for actuating electrical  
switches, etc., comprising a series of spring-actu-  
ated gear-wheels, a crank actuated by said wheels,  
a switch-lever pivoted to said arm, a setting-wheel  
in mesh with a clock-work, pins mounted on said  
setting-wheel, a trip-arm disposed in the path of  
said pins, a lock-lever normally holding said gear  
mechanism from rotation, and actuated by the trip-  
lever, a momentum-wheel, turning with the spring-  
actuated wheel in one direction, and designed to  
turn idly after the switch-lever is operated.

**DESIGN 35,982. HANDLE FOR SPOONS,  
FORKS, OR SIMILAR ARTICLES.** THEO-  
DORÉ BENDER, Providence, R. I., assignor to



Roger Williams Silver Co., Providence, R.  
I. Filed Nov. 22, 1901. Serial No. 88,347.  
Term of patent 7 years.

## EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIR-

CULAR-WEEKLY by R. W. Bishop, Patent Attorney,  
Washington, D. C., who will furnish complete  
copies of patents at the rate of 10 cents each.]

Issued July 28, 1885.

**322,901. BRACELET.** H. E. CHADWICK, Provi-  
dence, R. I.

**322,977. OILLET POWDER BOX.** HENRY  
SCHMELZ, New York, N. Y.

**322,985. CLASP.** C. C. SHELBY, New York,  
N. Y.

**322,991. KNIFE ERASER.** F. L. STOWELL,  
New York, N. Y.

**323,025, 323,026, 323,027, 323,028** and  
**323,029. COMBINED MATCH-BOXES  
AND CIGAR-CUTTERS.** W. M. DUCKER,  
Brooklyn, N. Y.

**323,146. SCISSORS-SHARPENER.** J. W.  
HILTON, Brooklyn, N. Y.

**323,167. BUTTON OR STUD.** J. J. LINDAUER,  
New York, N. Y.

**323,240. METHOD OF MAKING CUTLERY  
HANDLES.** ROBERT WALLACE, Wallingford,  
Conn.

**323,255. POWDER-PUFF.** ELLEN A. BAILEY,  
St. Charles, Mo.

**323,272. DIAL-RULING MACHINE.** D. R.  
BUCHANAN and E. L. DODGE, Springfield,  
Ill., assignors to E. L. Taft, same place.

**323,322. RING.** J. W. GWINN, Providence, R. I.

**323,370. WATCH-CASE.** C. H. SHAW, Brook-  
lyn, N. Y., assignor to the Fahys Watch Case  
Co., New York, N. Y.

Design issued July 24, 1888, for 14 years.

**18,482. PENHOLDER BARREL.** G. H. SHAT-  
TUCK, New York, N. Y.

Designs issued July 30, 1895, for 7 years.

**24,507. SPOON.** C. C. WIENITGE, Providence,  
R. I., assignor to Howard Sterling Co., same  
place.

**24,508. SPOON.** W. C. CODMAN, Providence, R.  
I., assignor to Gorham Mfg. Co., same place.

**24,512. COVERED DISH.** CHARLES GOETZ,  
Wheeling, W. Va., assignor to Ohio Valley  
China Co., same place.

**24,518. PLATTER.** THEODORE HAVILAND, Am-  
bazac, France.

Design issued Jan. 24, 1899, for 8½ years.

**30,047. GLASS VESSEL.** L. B. MARTIN,  
Moundsville, W. Va., assignor to Fostoria  
Glass Co., same place.

An unsuccessful effort was recently made  
to break into the jewelry store of Mr.  
Eklund, Norway, Mich. About 10 auger  
holes were bored in and around the out-  
side door with the hope of finding the bolt.  
The burglars became frightened before  
gaining an entrance.

# To Fountain Pen Manufacturers

It will be to your advantage to see our line of  
**FOUNTAIN PEN COVERS**  
in Sterling, 1-10, 18K. Seamless Gold Plate and Solid 14K.  
Also Bands for same. Samples sent on application.

**GEO. W. HEATH & CO., 137 ELM STREET,  
NEW YORK**

**ALOIS KOHN & CO.,**

Established 1850.

16-18 MAIDEN LANE, NEW YORK.

Manufacturers, Exclusively, of

**SOLID GOLD CHAINS.**

We will send samples on receipt of satisfactory reference.  
Correspondence Solicited.



**Opera Glasses Mounted with Diamonds.**

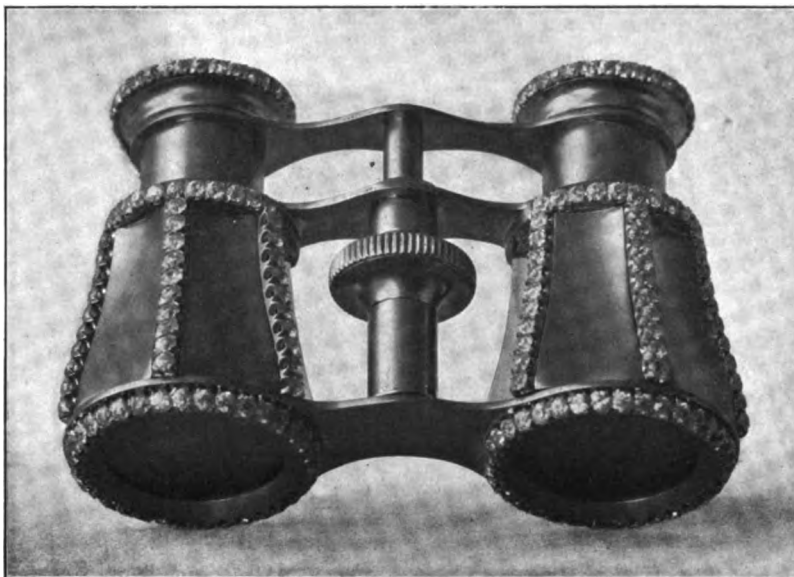
**T**HE demand for costly jeweled articles of adornment continues to increase in extent until it not only applies to jewelry proper, but to articles of utility which have heretofore not appeared in costly form. Among such articles should be mentioned opera glasses, in which a demand has been experienced by jewelers for gemmed pieces of the most expensive character, and hosts of special orders have been given to jewelers wherein the value of the glasses was wholly subordinate to the gold and gem work with which they were mounted.

One of the finest pairs of such glasses is the property of a prominent society woman of Denver, Col., who is noted for her discriminating appreciation of fine precious stones. The glasses which are valued at \$3,500, are unique, even among the expensive pieces of the kind now in vogue, and were specially designed and manufactured for the possessor by the Bohm-Bristol Co., Denver, Col., one of the leading jewelry houses of the west.

It was the company's object, in making these glasses, to produce a piece that would be really chaste and artistic, without engraving or ornamentation of any kind, and as will be seen from the illustration on this page, they succeeded perfectly in this respect. Although severely plain, the beautiful lines and proportions of the piece will appeal to the refined and discriminating eye, while the pleasing contrast of the rich natural yellow of the gold with the perfect

blue-white of the diamonds mounted upon it will satisfy even a connoisseur.

The diamonds, 265 in number, were all carefully selected for this piece, and are set in the dividing lines between the concave panels of the barrels of the glasses. All the diamonds are mounted sep-



GOLD OPERA GLASSES MOUNTED WITH 265 DIAMONDS.

arately in clamped settings, spaced so as to bring the stones in close contact. The only metal used in the construction of the glasses was 18-kt. Colorado gold in its natural color.

The workmanship throughout the entire piece is of the highest standard and, aside from its being one of the most unique and costly pairs of opera glasses ever made, the piece is remarkable as an example of jewelers' skill and ingenuity.

Copper finish is now popular among the latest and most chaste styles in cane and umbrella handles.

**Modern Tendencies in the Wearing of Jewelry.**

**A** WRITER in the fashion columns of a Sunday newspaper, speaking of the present trend of jewelry modes, says:

"There are two or three elements in the minute ornaments of to-day which should not be passed over in chronicling current fashion. There is the comical element and the superstitious. The beautiful lace people wear is shown off to advantage by means of diamond cats with crooked backs, dogs begging, a hobby-horse, a pigeon, an owl, a fox on a wish-bone, a merry-thought in brilliants, a dove with an olive branch in its mouth, a pig, and a racing hare, while those who are anxious to propitiate fate wear gold and enamel charms, headed by a star, with the words, 'This be your lucky star,' or a gold and green enamel circle with a horseshoe in the middle or a lucky bean.

"We have for some seasons been wearing any amount of jewelry, and now there appears to be an increase in that direction. The styles of the Grand Monarque are those which would seem to find special attraction. Large stones predominate in rings and elsewhere, and filets of jewels now encircle many shapely heads. The old modes which have been perpetuated in some of the old keepsakes of beauties, viz., a pear-shaped pearl or some particular gem, descending on the forehead, is a revival. Enameled wreaths have diamond dewdrops, and the hair requires to be dressed to suit this headgear."

**ORDERS BY MAIL SOLICITED.**

*We carry a full line of everything you need, and fill orders with a promptness and accuracy unequalled by any other house, and at prices as low as is consistent with quality of goods offered. ♡ We manufacture emblems, pins, etc., and repair jewelry and watches for the trade at minimum prices. ♡ Give us a trial order to-day.*

MAIN SPRINGS,  
TOOLS OF  
EVERY SORT.

**L. C. REISNER & CO.,**

*Manufacturing Jobbers, Importers and Exporters.  
Watchmaker's Tools, Material and Supplies.*

Branch, 111 S. Eighth St.,  
PHILADELPHIA, PA.

Lancaster, Pa.

JEWELS AND  
STAFFS, FINDINGS  
AND SUNDRIES.

**THE WASHBURN**

MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

TO  
ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



TO  
REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

**SECURITY** FOR SCARF PINS, ETC.

HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN.

14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

C. IRVING WASHBURN, SOLE MANUFACTURER

12-16 JOHN STREET, NEW YORK.



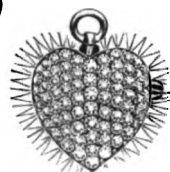
## L'ART NOUVEAU SASHPINS



We are Original-  
takers of designs.  
Rose finish  
or French  
gray

\$3.00

per doz. up.  
**SELECTION  
PACKAGE** to re-  
sponsible dealers.



WRITE FOR  
CATALOGUE



No. 2000.  
\$4.00 REQ.

**L. Witsenhausen**  
37-39 Maiden Lane.  
N.Y.

Factory, 52 Maiden Lane, New York.

Chicago, Ill., 1629 Masonic Temple. (L. KARLINSKY.)

## INDISPENSABLE TO THE RETAIL JEWELER.



**Wells' Perfect Self-Conforming Ring Ad-  
juster.** It can be fitted by a jeweler in 5  
minutes. Ask your jobber for it, or I  
will send prepaid at once (only on re-  
ceipt of price) 1 doz. asst. sizes, solid 10  
K. gold, \$3.75, or 1/2 doz. asst., \$2.00; 1  
doz. metal asst., 85c. For samples a  
medium large size gold and large size  
metal for 50c. Address **CHESTER H.  
WELLS, Jeweler, Mechoppen, Pa.**

Pat. U.S. & Can. **WELLS, Jeweler, Mechoppen, Pa.**

## BUYERS' INFORMATION BUREAU.

Questions as to the makers of certain lines of goods, where to buy certain lines, where certain kinds of work are done, the owners of certain trade-marks and other matters relating to the buying branch of a jewelry business will be cheerfully answered under this department. The reader cannot ask too many questions. All queries are also answered promptly by mail.

STURGEON BAY, Wis., July 21, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you kindly give me the address of one or more manufacturers of souvenir goods in the mother of pearl line, like shells, small and larger teaspoons, etc., with the name of the town imprinted upon them, and believe there is such a concern in Philadelphia, but could not learn the address. Thanking you exceedingly in advance, I remain, Very respectfully,

R. W.

ANSWER:—We do not know the address of the Philadelphia house, but the goods you desire can be had of the Earl Pearl Works, 338 Broadway; Henry Wallbott, 440-444 Canal St., both of New York.

PHILIPPI, W. Va., July 21, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I have a customer for an hour-glass. Kindly inform where they can be bought. Can you give me the address of one or more firms who deal in carbon or other high grade reproductions of paintings and works of art? Thanking you in advance, I am, Very respectfully yours,

W. G. R.

ANSWER:—Hour glasses can be had from John Scheidig & Co., 43 Maiden Lane, New York. For high grade reproductions of paintings, etc., send to the Berlin Photographic Co., 14 E. 23d St.; Braun, Clement & Co., 249 Fifth Ave.; A. W. Elson & Co., 14 W. 29th St., or William Schaus, 204 Fifth Ave., all of New York.

WAXHAW, N. C., July 22, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I have a watch chain that is stamped A. A. G.

& Co. on swivel, and would like you to tell me who makes such a chain and give me their address. I think A. A. Green & Co. make it but don't know their address. Yours truly,

W. F. C.

ANSWER:—You are probably correct in your surmise that A. A. Green & Co. made the chain. Their address is 94 Point St., Providence, R. I.

STAMFORD, Tex., July 16, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Can you tell me through THE CIRCULAR-WEEKLY who was the inventor and cutter of the "Twentieth Century Diamond," and is it patented or copyrighted? A reply will be appreciated.

Yours respectfully,

G. P. W.

ANSWER:—The "20th century" cutting was invented and patented by David C. Townsend, of Neresheimer & Co., 170 Broadway, New York, and is owned by him. The application was filed April 4, 1901, and the patent allowed Feb. 11, 1902.

SAYRE, Pa., July 19, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I have a customer who is desirous of purchasing what he calls a Spanish dip needle, used for prospecting, etc. Not knowing where to order it I write to you for information as to where the same can be purchased. If you are able to tell where such instruments can be purchased you will greatly oblige. Yours respectfully,

S. E. F.

ANSWER:—Spanish dip needles such as you describe are sold by the Keuffel & Esser Co., 127 Fulton St., New York.

# THERE IS SOMETHING PECULIAR

that distinguishes

## HARRISON UMBRELLAS

## AND WALKING STICKS

from all other makes.

*The distinction lies in the fact that every detail that goes toward their construction is perfect: the stick, the ribs, the covering, the mounting—even the ferrule.*

They are made from the jeweler's standpoint of excellence. And the jeweler who buys them is guaranteed against dry goods and department store competition.



## W. W. HARRISON,

Manufacturer of Umbrellas and Walking Sticks for the Jewelry Trade,

405 Broadway, New York.

HARRISON is the only Umbrella and Walking Stick Manufacturer in the United States not selling to the Dry Goods and Department Stores.



## Trade-Mark Information.

**Note**—The publication of our work, "Trade-Marks of the Jewelry and Kindred Trades," containing over 2,250 marks, all told, the accumulation of various works of reference and the ramifications of our business enable us to trace to their origin nearly all marks that may be found on jewelry, silver ware, art pottery and kindred lines, of both American and foreign make. All questions in regard to trade-marks will be cheerfully answered. We would be pleased to have the trade seek the benefit of our facilities regarding the identity of any marks they cannot trace. We would prefer to receive the article for examination; for, if the mark is of foreign origin, the slightest difference between a drawing and the original is of great importance.

No question is too trivial nor too complicated for consideration under this department.

All queries received are also answered promptly by mail.

CLAREMONT, N. H., July 12, 1902.

Editor of THE JEWELERS' CIRCULAR—WEEKLY:

Will you kindly tell us the name of firm making silver plated hollow ware bearing trade-mark similar to this:



and oblige, Yours truly,

Q. & Q.

**ANSWER:**—The mark is used by E. G. Webster & Son, 622-630 Atlantic Ave., Brooklyn, N. Y. See page, 50 of "Trade-Marks of the Jewelry and Kindred Trades," published by The Jewelers' Circular Pub. Co.

CLEVELAND, O., July 12, 1902.

Editor of THE JEWELERS' CIRCULAR—WEEKLY:

Will you please give us the name of the gold jewelry manufacturer who uses the trade-mark consisting of three links with letters L. & A. inside? Respectfully yours,

THE W. C. B. Co.

**ANSWER:**—The mark referred to is used by Link & Angel, 13 Franklin St., Newark, N. J.

NEW YORK, July 26, 1902.

Editor of THE JEWELERS' CIRCULAR—WEEKLY:

Will you kindly note in your journal in the "Trade-Mark Department" that we are using the following trade-marks:

Agassiz 20th Century Timekeeper.

Mail and Express.

By so doing you will greatly oblige,

Yours very truly, A. WITTAUER.

Cleve W. Wick, Evansville, Minn., has closed out his jewelry business.

## HIGHEST PRICES

PAID FOR

## American Pearls

MAURICE BROWER,

12-16 John St.,

New York.



## Fine Leather Goods.

Our complete collection for Holiday Season, 1902, now on exhibition in our salesrooms.

ESTABLISHED 1850. **O. F. RUMPP & SONS,**   
**PHILADELPHIA.**

New York Salesrooms, 683 & 685 Broadway (cor. Third St.)  
Chicago, Palmer House, Aug. 5th to 20th.





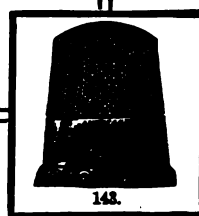
136.



144.



149.



142.

**KETCHAM & McDOUGALL,**

Manufacturers,

## Gold and Silver Thimbles,

AUTOMATIC EYE-GLASS HOLDERS,

37-39 Maiden Lane, N. Y.

Send for Catalogue.

Established 1832.

ESTABLISHED 1879.

FOR THE JEWELRY TRADE.

## Louis W. Hraba,

Manufacturer of

## Artistic Leather Goods,

29 East 19th Street,

New York.

**MANY JEWELERS**  
are now handling a line of  
**SEWING MACHINE NEEDLES,**  
and those who buy them from  
**THE SHRIMPSON MFG. CO., 273 Church St.,**  
**NEW YORK**  
**ARE ALWAYS SATISFIED.**

**FRESH WATER PEARLS**  
**BOUGHT AND SOLD.**

Also PEARLS POLISHED  
and all possible improvements made. Pearls damaged by setting or from wear with diamonds restored.

**JOHN HAACK,** Room 53, 11 John St.,  
New York.  
Office Hours: 1 to 3.

**THE JEWELRY REPAIRER'S HANDBOOK**  
**JUST ISSUED. PRICE 75 CENTS.**  
Jewelers' Circular Publishing Co., 11 John Street, New York.



# 20 CENTURY UP TO DATE RETAIL MERCHANDISE

That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan that they are utilizing in connection with their business.

## The Strange Phenomenon Caused by the Effect of the Blood upon Gold.

TO most laymen, it will seem strange that gold worn on the person is often affected by the state of the blood. Such, however, is not only the fact, but it is so well recognized that it has caused sufficient disquietude to have created inquiry. In a hazy sort of way the matter was known to THE ONLOOKER, but until recently he had not attached sufficient importance to it to have made inquiry himself, for the purpose of alluding to it in these columns.

But one day, a few months since, while on his way to call on Mr. Dash to have a trade talk with that gentleman—he ran plump into the arms of Mr. Blank. Mr. Blank is a tall, stout man, ruddy and blond, and as he is short of breath and had been walking quickly he was dripping with perspiration. This is relevant because of what follows.

"Here is a queer fact," pantingly exclaimed he, holding up his hand and indicating a gold ring on one of the fingers.

"I see nothing strange in the fact of your wearing a gold finger-ring, even if it is a wedding-ring, as I imagine that to be," responded THE ONLOOKER, after a casual glance at the object in question.

"You are not a very close observer, I take it, my friend," sarcastically said Mr. Blank. "Just take the trouble to examine that ring a little more carefully, though I must say that any one of sharp eyesight would have discovered something calculated to excite his surprise as soon as I flashed it before his eyes."

"Why, bless me; the ring is oxidized, is it not? But how queerly! That's a strange fancy of yours, having it streaked in such a fashion."

"That ring is not oxidized at all. It is simply discolored. It seems that my blood has that effect upon the ring, especially when I perspire freely, as I have of late. In my case there seems to be no effect upon my skin. Have you never seen a case of this kind before? I thought the discoloration of gold rings of such frequent occurrence that everybody was more or less acquainted with instances of it."

"Coming to think," said THE ONLOOKER, "I had heard of cases before, but I had not thought of them seriously. This is really

the first time I've run across the thing. Tell me about it."

"There isn't much that I can tell you, except the bare fact. But I have no doubt that many jewelers can give you an interesting story upon the point. In my case the facts are simply these: This is my wedding ring. As you know, I am a German, and we are the only nationality in which the men as a rule wear such. I've had the ring over twenty years. Soon after I began to wear it I noticed that it was turning black. On making inquiries I was informed that this had no significance, that it was simply caused by some condition of the blood occurring in my case, mostly in the summer time, and that it is not difficult to remove the tarnish. I've cleaned it a number of times, and sometimes it remains bright for a long time, even more than a year. It's been turning this way again now over a week. Some maintain that the state of blood favorable to this tarnishing is an excess of uric acid. Whatever it may be, I am assured that it is no reflection upon the condition of a person's health.

I am told that in almost all cases a mark is left upon the finger, or in the case of a lady's wearing a necklace, that a well-defined ring, if she is susceptible in the same way, is to be traced around her neck. That reminds me, by the way, that these discolorations are said to be very much more frequent among women than among men. Why had you not better have a talk on the subject with those who are without doubt more experienced, and consequently better posted than I am."

Pursuant to this suggestion THE ONLOOKER soon afterward called upon one of the firms of manufacturing jewelers which make a specialty of rings, especially "seamless plain solid gold rings." One of the members of the firm courteously gave him, from the stores of many years of experience, the following interesting data.

Said this gentleman to THE ONLOOKER as soon as the subject had been broached:

"You come to us very opportunely as far as this matter is concerned. For not alone have we had an unusual amount of experience with it, but we have issued and widely distributed a circular bearing directly upon this question."

And he brought out a copy of the circular to which he had referred.

"We are very greatly pleased to give all

the information in our power relative to it and kindred facts. For it is to our interest to disseminate such information. Quoting from this circular, as you see, we say: 'Women are sometimes troubled by rings blacking their fingers, or by gold tarnishing; this is caused by some peculiar condition of their blood.'

"But," interrupted THE ONLOOKER, "why do you lay so much stress upon 'women'? As I understand it, men are frequently troubled by the same causes, are they not? I know of at least one such case myself."

"Well, it is true, men are also affected, but not nearly so frequently. Besides you know that for every ring which is worn by a man there are three, or four, or even half a dozen, worn by women. If we had to depend on the former for business, I am afraid we would be in pretty desperate straits. Not only is this the case with fancy rings, but, as everybody knows, it is a very unusual thing for a man to wear a wedding ring. But to resume. This circular goes on to state that these discolorations are 'also caused by medicines containing sulphur, arsenic or iodine in its different forms.' And the next allusion, discourteous as it may seem to be to refer to it, most decidedly has to do with the fair sex. Also complexion lotions which contain lead or sulphur will affect the skin so that it will cause these results. And then it continues to mention the conditions under which men's rings or skin will display the same phenomena. 'Men are never so troubled unless their systems are full of mercury or some similar drug, or they handle something that will cause it, like rubber, sulphur or certain other chemicals.'

"Get a man to wear a ring which has been discolored during the time a lady has been wearing it, and you will see that the ring is all right. This will or ought to satisfactorily prove that the trouble is in the wearer and not in the ring.' The circular concludes with a plea for our goods, not further relevant to the subject."

"In your judgment how does it happen that gold is so affected by the blood?"

"In my judgment it is not the gold at all. It is that part of the ring which is not the gold."

"Can you explain this so that the mind of the layman will thoroughly grasp it?"

"I think I can. You know, of course, that no manufactured article is, or can be, pure gold. That noble metal is entirely too soft for wear. Even 22-karat gold, about the finest that is ever used, is too plastic for commercial purposes. A ring of that fine degree will wear away perceptibly in a comparatively short time, say in three or four years. The alloy of gold contains silver. Now it is a notable fact that silver oxidizes or tarnishes very readily. And



# NG and HINTS to JEWELERS

that is precisely what has happened in the case in point. The proof of this lies in the fact that the lower the grade of the ring or other article in question, the more pronounced is the tarnishing and the more decided is the streak it leaves upon the flesh. Thus a 22 karat ring would show this action very slightly. But a 10 karat one would display it so markedly and frequently that it would be strange if it would not alarm those who were not acquainted with the phenomenon."

"If it is due to silver oxidation, is any harm done to the article?"

"No, none at all. In many cases it is not even necessary to remove it. The gold will resume its natural color of itself in a short time. But the lower you go in the grade of the article the more retentive is this tarnish."

"Are the tarnish markings always of the same character?"

"Oh, no. Sometimes they show in big blotches, again in streaks. And I have often seen them in spots." THE ONLOOKER.

(To be continued.)

## Cause and Effect.

EVERY jeweler knows that injudicious advertising does not pay, no matter how much money may be lavished on the article advertised. There are some persons, however, who believe that no advertising pays. These generally belong, or did belong when they advertised, to a class of injudicious advertisers, those who advertise Christmas goods in the Spring and Spring goods in August and September.

The resultant of all their superfluous energy was, of course, nothing. Certain causes produce certain results and poor results naturally flow from the cause—poor advertising.

## Advertising Axioms.

THE knack of using a large space profitably lies in saying the right thing, not so much in trying to say all that the space will hold.

One man cuts little figure in this world unless backed by the influence of many others—neither will one little advertisement accomplish much unless reinforced by others.

Sell good goods and you will never be called on to apologize for them.

Scatter your advertising seed early that it may have plenty of time to grow.

Salable goods move faster when pushed with the force of good advertising.

## A Unique Window Attraction.

G. H. EMERSON, of Providence, R. I., has rather an unusual method of drawing attention to his window display, one which may recommend itself to other members of the trade. Beneath the Westminster St. window is a wire grating taking the place of the customary cellar windows. Behind this grating and having the run of the entire width of the window, and apparently the basement as well, are two handsome cats and two gray squirrels.

Both cats and squirrels wear little collars about their necks from which are suspended small bells, which emit a merry tinkle every time the animals move. In the case of the squirrels this is apparently about all of the time. The sight of these distinct species together is one that attracts much attention, for apparently the cats and squirrels are the best of comrades, although the squirrels' quickness—greater even than that of the cats—may account for the fact that they are still alive.

Occasionally as a squirrel gambols madly by a feline comfortably ensconced on one of the numerous resting places behind the network, the cat will reach out a playful paw which the squirrel nimbly avoids. As an advertising medium the idea is out of the usual, so much so as were a number of little white mice chasing one another about a circular disc which whirled about rapidly, the mice furnishing the motive power and which was on exhibition in this same shop when Mr. Hosmer ran it.

## Illegible Autographs.

IT is desirable that the name of the individual who affixes his signature to a business letter should be printed on the letterhead. The majority of signatures are not of a particularly legible description and the inability of the recipients to decipher them frequently causes considerable confusion. Some men seem to take pride in the illegibility of their signatures, even going so far as to acquire by constant practice a hieroglyphic that will defy the best handwriting expert in the country. What the object is no one knows, but as a minor detail of business policy the fad is to be deplored.

A window in the store of A. G. Grabbe, Hyndman, Pa., recently had an odd ring display. It included gold rings for men, women, boys and girls; small iron rings and two heavy iron rings a foot in diameter. The idea brought out, with unusual force, the ring idea.

## Courtesy in Business.

NEXT to importance in trade getting is trade keeping. A man may spend a fair sized amount in advertising, he may get his name on the tongue of every person in town, but the next thing is to hold their trade after getting it. Trade is a flighty bird, for, upon the slightest provocation it will take unto itself wings and fly away, slowly but surely.

Be courteous and obliging. These are the attributes which will win and keep trade, where often other methods will fail. When a man asks for an article show him that very article if you have it; if not, tell him so, and politely suggest some other as near as you have to what he wants, or offer to get the article he wants and if you or your clerks exercise the proper amount of courtesy the customer need not be lost even if you have not the particular article called for. Courtesy is an important attribute in all lines of trade, but especially so with small dealers, where one customer gained or lost amounts to considerable.

Don't be afraid to show your goods and offer such suggestions as may help him to make an intelligent selection and don't be afraid to speak pleasantly and frankly. Be cordial and, above all, respectful and remember that while your customer comes to you now to be served, it takes very little to have his attention drawn elsewhere, and it is "up to you" to strengthen the bond which draws him to you by treating him with courtesy in every act.

Cultivate a courteous manner towards your clerks and note the difference in them. Meet your customers with a smile and the chances are that new names will be added to your list of patrons.—*Advertising World*.

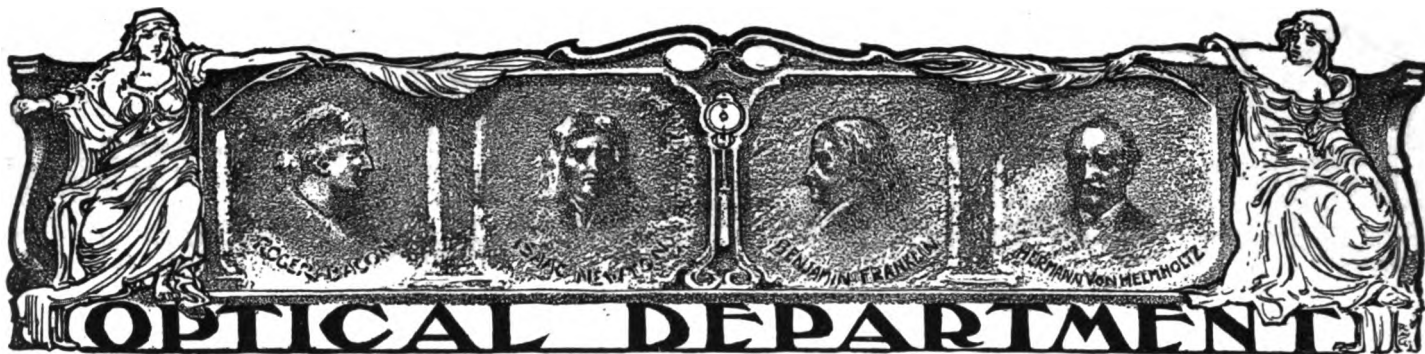
## Continuity.

THE results to be derived from continuous advertising cannot be over-estimated, says an exchange. That firm or person who desires to have his business grow and expand must continue to advertise. In continuity is strength. The advertising you did yesterday will help your advertising of to-day, and the advertising of to-day will help that of the morrow, and so on indefinitely.

The child that makes the greatest progress at school does not attend on Monday, then skip Tuesday, back Wednesday, and then out again until the next Monday. No, he is in attendance every school day.

Continuity is strength. Therefore that person who would add strength to his business must keep it before the public continuously.





CONDUCTED BY GEORGE A. ROGERS.

## Rules for Determining Amplitude of Accommodation.

NEW YORK CITY, July 8, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please give, through the columns of your valued journal, rules for determining the amplitude of accommodation and greatly oblige several students? Truly yours, T. T. W.

The amplitude of accommodation may be measured in several ways. It must be borne in mind that we measure all refractive errors, as well as the accommodation, by lenses, and these are naturally at a considerably greater distance from the retina than the optic system of the eye.

The effect of making the measurement at the position of the correcting lens, 15 mm. forward of the cornea, is to give a weaker plus lens and a stronger minus lens for the distance correction than the real static defect in the optic system of the eye. So, also, in the measurement of the amplitude, the fact that the correcting lens is some distance from the eye and really at quite different distances in different eyes, makes the measurement at that point somewhat of an approximation rather than a measurement, and the stronger the lens required for the distance correction the more does the measurement partake of the approximate character.

The most usual and natural method of measuring the amplitude is to correct the eye for infinity and then determine the near point of clear vision. The distance correction, unless there are concealed or latent defects, makes the eye artificially emmetropic. The amplitude is then in proportion to the nearness of the near point. If the near point (nearest possible point of distinct vision for a moment of time) is 8 in., the amplitude is 5 D. But if the distance correction is a rather strong lens situated 15 mm. forward of the cornea, this measurement should be taken with some allowance. However, as the eye corrected will be operated under these conditions, it serves the same purpose as if 5 D. were the exact amplitude.

But the amplitude of a single eye operating alone is less than the amplitude of each when the two are acting together and convergence and accommodation are being exercised together. Hence the measurement of the amplitude of one eye, while the other is screened, will usually be found to be less than the two eyes acting together are capable of. To get more accurately the amplitude of one eye the reading card should be held to the nasal side of the eye—about the position at which, if both eyes are used,

it would be held for binocular vision. This allows the converging muscles to come into play. A marked difference will be shown between holding the card at such point and placing it to the temporal side usually.

Another method of measuring the amplitude is, if the near point is not sufficiently near for reading, to place the lens required for distinct vision at a given distance before the eye and to measure the distance defect later. For instance, if with a + 2 D. lens before the eye the near point is at 13 in. ( $\frac{1}{3}$  m.) there is 1 D. of the accommodation involved because of the nearness of the object. If any more than 1 D. is involved it must be because of hyperopia. The distance correction will determine that point. For instance, if the eye is 1.50 D. hyperopic, there is that amount of accommodation also involved in seeing the type at 13 in. This makes the amplitude 2.50 D.

But it may be found that the eye is .50 D. myopic and with + 2 D. before it really exercises but .50 D. of accommodation. If 13 in. is its near point with a + 2 D. and the eye is .50 D. myopic, the amplitude is .50 D. For the same reason, if the eye is found to be 1 D. myopic and + 2 D. makes the near point, at 13 in. accommodation is nil, and if the eye is found to have 3 D. of hyperopia and + 2 D. gives it a 13 in. near point, the amplitude 4 D.

Still another way of measuring the amplitude of accommodation is to correct the eye for distance and then see how strong a minus lens it will bear without marring the clearness of the 20 ft. type. The type will look smaller and darker and perhaps make the smaller letters imperceptible, but distinctness will remain, showing that the definition is sharp.

The strongest lens that can be used without blurring the letters measures the amplitude. In this test, unless the artificial convergence is produced also, the full measure of the amplitude is not determined. It must also be borne in mind that both eyes can accommodate together for a greater amount than either singly, though not a great deal.

The best instrument measure for the amplitude of accommodation is the little instrument called the Punctometer. It fixes infinity at 4 in. forward of a + 10 D. lens, the eye being at 4 in. on the side, and therefore measures the amplitude, where there is hyperopia, directly, by the distance beyond artificial infinity the card may be placed without blurring vision. Having thus obtained the far point the movement of the target toward the lens from that point measures 1 D. of accommodation for each centimeter of movement.

## Optical Notes and Briefs.

Gall & Lembke, New York, have just marketed a new device for changing eyeglasses into spectacles.

David H. Lewis, son of Robert H. Lewis, of the firm of Harvey & Davis, Hartford, Conn., is confined to his home with a broken leg.

William Wolff, of the Philadelphia Optical Co., is at San Francisco, Cal., and will make a pleasure tour of the north before leaving the coast.

Emil Arnold, son of William Arnold, Ann Arbor, Mich., is taking a course of optics at the Northern Illinois College of Ophthalmology and Otology.

The Kluger Optical Co., 252 Superior St., Cleveland, O., will put in a stock of jewelry this Fall. The optical line may also be enlarged to some extent.

Prof. J. H. Caruss, oculist optician, has established himself in R. S. Gardner's jewelry store, Derby, Conn., where he holds consultations every Monday.

The Houston Optical Co., Houston, Tex., has been incorporated with a capital stock of \$20,000. The incorporators are W. W. Chamberlin, A. E. Kiesling and C. C. Higgins.

The Waterloo Optical Co., Waterloo, Ia., established for grinding lenses for glasses and the manufacture of other optical goods, has transferred its manufacturing plant elsewhere.

Marcotte Bros., auctioneers, have published in all the local papers the insolvent notice of Hearn & Harrison, Montreal, whose assets are to be sold to-day. Their stock in trade, consisting of opera glasses, etc., is inventoried at \$30,999.30, and an unexpired lease of the premises from Sept. 1, 1902, to May 1, 1903, is valued at \$613.80.

A heavy blast in the rapid transit tunnel, last week, smashed the large plate glass windows in the store of McCoy & Stilwell, 41 E. 42d St., New York. There were no customers in the store at the time and only a few articles on display in the windows were broken. A rock weighing 250 lbs. was thrown from the tunnel excavation to the sidewalk immediately in front of the store. Thos. Sullivan, the rapid transit tunnel foreman who had charge of the blasting, declared that the stone had been covered and that no more than the usual amount of dynamite was used. He said a big rock in the tunnel had proved most obstinate and that the heavy report and flying stones were caused by the bursting of this hard stone.

(Additional Optical News on page 60.)



**Official Answers to Tenth Set of Problems.**

ACCORDING to the conditions under which THE JEWELERS' CIRCULAR—WEEKLY's Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the tenth set of questions (published June 4, 1902) follows:

**ANSWERS TO TENTH SET.**

46. At 8 in. equal to flame.  
 47. 8 in. back of lens moved. Image same size.  
 48. Approach second lens and grow smaller. When two lenses are together image will be 5 in. posterior and  $\frac{3}{4}$  diameter.  
 49. Variety of answers; one way:  
 (1) Flame—16 in.—1st lens—26 in.—2d lens—40 in.  
 50. Variety of answers; one way:  
 (1) Flame—16 in.—1st lens—56 in.—2d lens—10 in.

NOTE.—Either of the last two produce erect images. Other correct solutions accepted.

**Utica Optical Club Meets.**

UTICA, N. Y., July 30.—The July meeting of the Utica Optical Club was recently held at its room in the Y. M. C. A. building, with nearly the entire membership present. This was President Richard Perlen's first meeting, and he was naturally much encouraged by the attendance. The secretary, C. A. Enquest, read the minutes of the last meeting, which were approved. The president was elected to represent the society at the national convention at Boston.

The special order of business was the revision of the constitution and by-laws, preparatory to having copies printed for distribution. A. M. Kenney was appointed a committee to have stationery printed for the society, and the president and secretary were appointed to have the constitution and by-laws printed.

After the business session the remainder of the meeting was spent by each member present speaking of some extraordinary cases he had had, and each speech was followed by a general discussion. This part of the session was very interesting, and it was decided to have a question box at the next meeting, which will be held at the same place, on Tuesday, Sept. 16.

It is the desire of the society to interest the opticians of that section in the organization, and an effort is to be made to have all opticians join the society. The secretary has given notice that copies of the constitution and by-laws, together with application blanks, will be furnished upon request.

**New Idea in Blotter Advertising.**

THE Johnston Optical Co., Detroit, Mich., has issued, among other numerous advertising novelties, a blotter, on the unused side of which are printed as a border, noses of various types and sizes. As a leader for the reading matter within this border it uses the phrase, "Some noses you have met," in bold type. In this way it takes occasion to introduce and attract attention to an anti-septic eyeglass guard.

**PRIZE DIOPTRIC QUIZ.**

TO give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions are being published weekly, five questions each week, for 20 weeks. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the tenth set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list being printed below—will be made to those whose solutions are next in order serially. The contest is open to *bona fide* subscribers only. The answers must be the subscriber's own solution, without the assistance of any person better qualified to solve the problems, but the subscriber's statement that the solutions were so made will be accepted in good faith.

Attention is directed to rules for substitute answers, published on page 77 of THE JEWELERS' CIRCULAR—WEEKLY of April 30, to editorial on page 68 of the issue of June 4, and to a special announcement on page 74 of the issue of April 23, for further information.

**THE PRIZES.**

- 1ST PRIZE.—*Javal-Schiötz Ophthalmometer, with Wollaston Prisms modifications by C. F. Prentice and R. A. Stendicke.* Price, \$125.  
 2D PRIZE.—*First selection of either of the following articles: De-Zeng Refractometer (Julius King Optical Co.). Price, \$60; or Geneva Improved Retinoscope (Geneva Optical Co., Chicago). Price, \$67.50.*  
 3D PRIZE.—*Second selection of above articles.*  
 4TH PRIZE.—*Spencer Trial Case (Spencer Optical Mfg. Co.).* Price, \$35.  
 5TH PRIZE.—*Jena Special Glass Field Glass (Sussfeld, Lorsch & Co.).* Price, \$22.50.  
 6TH PRIZE.—*De Zeng Luminous Retinoscope with Battery (Globe Optical Co.).* Price, \$18.  
 7TH PRIZE.—*1 Doz. 10-k. gold Anchor Guards. (Julius King Optical Co.).* Price, \$12.  
 8TH PRIZE.—*Brown & Burpee Ophthalmic Cabinet.* Price, \$12.  
 9TH PRIZE.—*Automatic Rolling Eye Sign. (The E. Le Roy Ryer Mfg. Co.).* Price, \$10.  
 10TH PRIZE.—*Geneva Lens Measure (Geneva Optical Co., Chicago).* Price, \$6.  
 11TH PRIZE.—*Loring Ophthalmoscope.* Price, \$6.  
 12TH PRIZE.—*Thorington Metallic Schematic Eye.* Price, \$2.50.  
 13TH PRIZE.—*Plane and Concave Retinoscopes.* Price, \$2.

**DIOPTRIC QUIZ.****[Nineteenth Set of Questions.]**

91. Having a plano-cylinder of glass whose index of refraction is 1.60 and whose radius of curvature 200 m. m., what is its dioptric value?  
 92. If placed with its axis at 90 degrees, what is the dioptric value of its 90th meridian? its 180th meridian? its 45th meridian?

93. In the above position, what is the dioptric value of its 30th meridian? of its 60th meridian? of its 75th meridian?

94. Two cylinders, respectively 2d and 3d, have their respective axes at 90 and 180. What is the dioptric value of the 90th meridian of the 180th?

95. In the above positions, what spherocylinder equivalents have they?



## Optical Department.

### "Doctor" and the Optician.

THE question whether the refracting optician has the right to employ the title "doctor" or optical colleges to confer the degree, and the question of what force the title or degree when employed or conferred is, may be considered from many standpoints.

It has an equitable, a legal, an ethical and a diplomatic point of view. And there is the further question of what technical word should be employed with the title or degree to indicate what special science or field of learning the degree pretends to cover, and also the question as to what the opticians' basis for the claim or pretension is—that is, by whom and how conferred. As a few persons have wilfully misinterpreted the views we have expressed upon this subject we take occasion now to reaffirm our position.

In the first place we would say that no optical course merely will support the title or degree of "doctor of ophthalmology." This word "ophthalmology" both etymologically, and by usage, covers all conditions of the eye, both in health and disease, its refraction, its pathology, its medical treatment, its surgery. To use the title is to pretend to skill in any branch of ophthalmic science, for "doctor" represents mastery, and ophthalmology the science claimed to be mastered. We would deny this title to oculists merely, who are unacquainted with, or unskilled in refractive work as strenuously as to mere refractionists.

It has been entirely regarding this title that we have stated that for a mere refractionist to employ it or for a merely optical school to confer it or pretend to confer it is fraud upon the face of it. The title pretends to a knowledge and skill greater

than the optician who uses it would think of pretending if personally interviewed upon the subject. We therefore throw that title and degree out of consideration as inappropriate, false and fraudulent, whatever the other circumstances may be.

Now, as to the title and degree of "doctor" properly limited by a qualifying word or used as it is ordinarily without qualifying words, no one will pretend that its use is the exclusive privilege of any branch of learning or the exponent of such branch. The various recognized doctorate degrees, as M. D., D. D. S., LL. D., D. D., etc., set that matter at rest. But a "doctor" in any branch of optical science or in the whole of it is an uncertain because an unascertained quantity as yet. Normally we should say that the recognition of a doctorate degree would be its recognition by the educational department of a State—by the board of regents of a State university.

There are, however, many excellent schools conferring degrees that are not so recognized. As long as educational institutions of greater or less scope thrive upon the conferment of degrees, and nothing in the laws or the proceedings of the education department interferes, except the general status of frauds, they will continue the practice. The degrees conferred by these schools will therefore continue to mean much or little or nothing according to circumstances. This is the condition now with degrees in medicine, in literature and other special fields, as well as in the cheap degrees conferred by optical schools. The schools and the degrees they confer exist by sufrage and not by any special authorization.

New sciences are constantly coming to the fore and they are allowed by this treatment to make their own battle for existence and recognition. The State hasn't the time nor the inclination to sift out what is good and what is bad, but provides against

fraud through its general statutes, if anyone desires to take advantage of them.

#### THE EQUITIES OF THE CASE.

One who has acquired what may be termed a profound knowledge of a technical science, especially of a science pertaining to human health and welfare, should have the right, if anyone has the right, to a doctorate degree in that science. No one else, no one in an allied profession, is entitled to the distinction, or to the emoluments of its practice, if he is not.

But to receive the honor there must be an institution in which profound knowledge in that science is imparted, not to one student of course, but to numbers of students, and not for one year or term but perennially, and not to one class but to all who, from year to year, avail themselves of its advantages. This means of course a school, a college or a university. Recognition is due to such an institution from any State educational department and it will come eventually. It is a credit to any State to have within its borders an institution of this kind, and eventually the State will appreciate it and make the science a part of the curriculum at the State university.

It takes time to accomplish these things. All great and valuable sciences are a growth. They do not spring up in a night, neither does recognition of them. But where no such institution exists for the science referred to there will naturally be, especially if the technical science offers a field of lucrative practice, many petty schools, aiming, very likely, to become great institutions some day, which will stand ready, for a consideration, to take the place of such a school and willing, for the nonce, to separate the would-be "doctors" from their money, and "confer" with a great flourish of ribbons the required degree.

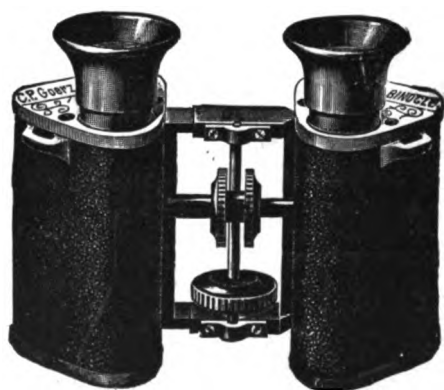
The "charters" of these schools are the general statutes of the State relative to corporations, which permit any group of men to incorporate for any legitimate purpose, provided they confine themselves to the purposes set forth in their application. These charters, instead of conferring authority or power of any kind, except the bare power to act as a corporation, merely limit their functions to particular acts. The degrees they confer are to be taken strictly for what they are worth. Whether they are worth anything or not depends upon the school. The State as a State is neither back of the school nor the degree. In some States, however, a bona fide school and facilities are required to preserve the power of issuing degrees. This is the status of the optical college.

#### THE LAW OF THE CASE.

Having obtained a proper degree (Doctor of Optics or Optometry), if a degree from such a school may be regarded as proper, the question is, of what force is it and what rights, if any, are possessed under it? I think this would be considered and decided upon by any court impartially, and upon its merits, all circumstances taken into account, unless the judge were extremely prejudiced.

The basis for judgment would naturally be: (1) What is the title and what is the defendant's authority for using it? (2) What is the practice and does it conform with the title and other representations? (3)

## Goerz Trieder Binoculars HAVE MERIT.



No. 30 9x. Price, \$54.00.

*Increased Power,  
Increased Field of View,  
Reduced Bulk and  
Weight.*

It is easier to sell a high-priced article with merit than a cheap one without.

As a man is known by the company he keeps, so is a dealer known by the goods he carries. Cater to the best by selling the GOERZ TRIEDER BINOCULARS.

WRITE FOR CATALOGUE.

## C. P. GOERZ OPTICAL WORKS,

Room 14.

52 E. UNION SQUARE, NEW YORK.



## Optical Department.

Are the rights of any person or of the public impaired by representations or practice? (4) Upon what general or special statute or what law is the prosecution based? (5) Of what application, if any, is the statute or law in the particular case?

Assuming that the title is "Doctor of Optics," that it has been conferred by a bona fide school (whether incorporated or not under general statutes of any State cuts no figure) that the practice is the optical correction of the eyes with lenses, that every statutory requirement with reference to registration, license, etc., has been complied with, and that the rights of no individual, except the fancied rights of medical doctors or rival interests of opticians are affected, I believe that in any State the optician would be triumphantly vindicated. He has the right to use the term "doctor" in a general sense, if he wants to, and specifically if he uses a proper qualifying term.

If medical practice acts of the family variety were brought up they would be shown to be inapplicable or unconstitutional. A law in one State against the granting of degrees therein would, of course, not apply to the institutions of another State nor to the use of the title within the particular State where the action is brought. The main issue would be (1) the representations, (2) the practice. The school and its legal status and the validity of the degree and title would not be matters of any consideration. Fitting glasses is not practicing medicine. The public is not injured but benefited by the services of a skillful man. The practice conforms with the representations and the representations are unexceptionable. What show is there to convict a man under such circumstances?

These things have not been specifically passed upon and may never be. They will be passed upon in some State and the other State courts will follow suit. When the questions are brought up in court they should be brought up right. A misleading title, fake practices, spurious degrees and false representations should be repudiated by opticians individually and collectively. Otherwise such things will cause defeat where a proper course would result in vindication. An adverse decision, even when based upon such false representations, will be construed as a general knock out for opticians, whatever their methods.

We think, therefore, that State societies should discourage any course tending to handicap the optician in an impartial hearing with reference to his legal rights and standing. The treatment of the eyes with medicines or remedies, the use of atropine in refraction work, the mere posing as an eye specialist or eye doctor, the advertisement of cures or curatives, these are things to forego which is no disadvantage. We believe that, supported by proper methods, he has a perfect legal right to the title "doctor" and that he may use that term upon his cards without offence to any one.

(To be continued.)

Dr. Ormond, East Record St., Sedalia, Mo., has leased new quarters immediately opposite his former place of business.

## New Ophthalmoscope and Retinoscope.

STATE COLLEGE, Pa., July 21, 1902.  
Editor of THE JEWELERS' CIRCULAR—WEEKLY:  
In a recent issue of your paper reference was made to a new luminous ophthalmoscope and retinoscope. Can you kindly give me some information about those instruments and oblige.

Yours truly, Dr. S. SLAGLE.

ANSWER:—The instruments referred to in the item to which you call attention are respectively:

1. The Luminous Ophthalmoscope, manufactured by Chambers, Inskeep & Co., of Chicago, Ill., which is of chief value in the direct method of ophthalmoscopy.

2. The new Geneva Retinoscope and Ophthalmoscope combined. It is used under the indirect method. It is manufactured by the Geneva Optical Co., of Chicago.

Both are exceptionally good instruments for the purpose of examining the fundus. The former exposes every detail as in all direct examinations. The latter gives a general view of a considerable area—the disc and blood vessels, and, by shifting the eye, all areas.

## New Booklet Issued by Wholesale Optical House.

A VERY original conception in booklet advertising is that of the Julius King Optical Co., 2 and 4 Maiden Lane, New York. It consists of a 16-page booklet, 4 x 7 inches, and at first sight renders no one suspicious of the fact that it is really a piece of advertising. The front cover contains a uniquely designed air ship scene attractively printed in a harmonious combination of colors, and bearing the title, "A Marvellous Trip." This hobby of Santos Dumont is seen floating high in the air, directly over New York Bay, far above the tall skyscrapers. The back cover also contains a colored reproduction of the tall buildings outlined against the sky, and a crowded ferryboat, whose passengers seem to be excitedly shouting and bidding adieu to the disappearing air ship. The inner pages are made up of grotesque cartoons in black and white, on an orange colored background, and to each cartoon is added an appropriate "jingle." The cartoon on the first page contains no reference at all to the things advertised. This, of course, solicits the further attention and curiosity of the reader, who naturally turns over its pages. On each of the following pages attention is called in these amusing little poems to King's Anchor Guards. The last page contains the Julius King Optical Co.'s ad., well written and illustrated. This booklet, which is a veritable "book of jingles," has been scattered broadcast and is attracting no little attention.

## Granular Lids.

GRANULAR lids should not be neglected, because they will in time cause a thickening and distortion of the lids and a permanent loss of the eyelashes, says a writer in the *Ledger Monthly*. Under the little crusts at the edge of the eyelid will be found a small amount of pus and a small ulcer. Each one of those is in connection with an eyelash and extends down

into the skin at the root of the hair. Ultimately the hair-follicle is destroyed, the eyelashes fall out, and a very small, but still appreciable scar forms in the place of the ulcer. It will be readily seen that the loss of any considerable number of hairs in close relation to each other would leave a bald spot. All scars produce a certain amount of contraction. A number of little scars, one right after the other, then could easily modify the shape of the lid. Nearly all of these cases will respond to the use of yellow oxide of mercury, 3 grs.; yellow vaseline, ½ oz., mixed thoroughly and applied to the eyelids each night.

## WARNER & SWASEY UNIVERSAL PRISM FIELD GLASSES



We guarantee each glass to be of the HIGHEST quality, both optically and mechanically.

The WARNER & SWASEY CO.,  
CLEVELAND, OHIO.

## Chicago Post Graduate College of Optometry,

Prof. Geo. A. Rogers, Principal.

The aim of this school is to supply the increasing demand for a thoroughly substantial education in optics, especially in the higher fields and deeper principles of the science and art of optometry, and the practical training of specialists for this professional field.

Its course embraces two years of study and two terms of personal attendance. The written work between the two attendance courses consists of the "Leaflet Lessons in Higher Optics," recently announced, which tend to shorten the attendance courses. No student is graduated upon correspondence work only, and only those who attain a high standard of excellence in technical and practical optometry is graduated at all.

The school is now practically organized and will receive students at any time after May 1. For fuller information address

Geo. A. Rogers, Principal,  
808 Stewart Bldg., CHICAGO.  
93 State Street.



# Supereminence in Mainsprings.

The underlying principles and generally accepted theories of modern mainspring construction emanate primarily and to the greatest extent from the Maker of the **Longeval**.



Making of Mainsprings in its various phases has attained its greatest development at the hands of this maker.

Method of packing avoids all possibility of rust. Made by the best maker in the world, of highest grade steel, finished down by hand, high in carbon, best in temper, ensuring uniform pulling power.

Only one spring need be handled and exposed at a time, instead of a full dozen as with other makes.

With each order for one gross of mainsprings, a fine oak cabinet, made expressly for this brand of springs, will be included gratis.

The "LONGEVAL" are for sale at your jobbers. If not, write the Importers **HAMMEL, RIGLANDER & CO., 35 Maiden Lane, New York City**, for the address of the nearest jobber who will serve you with the **BEST**—

#### NOTICE.

The importers of these mainsprings are the first to have employed the idea of putting each spring in a separate box, thus protecting them against rust and climatic changes, and to place a number of these small boxes in a box or case.

They have taken expert advice as to their sole and exclusive right to this manner of "dressing" mainsprings, and have been advised that they have a proprietary right thereto.

The trade is hereby notified that any infringement of this manner of "dressing" mainsprings for the market will be vigorously prosecuted.

## The "Longeval"

Mainsprings for all makes and grades of American Watches.





### An Antique Masterpiece.

**T**HROUGH the kindness of Mr. Chas. A. Worpe, a New York watchmaker, one of the rare horological masterpieces of the 18th century is herewith illustrated and described. It is a gold watch made by William Gib, a celebrated watchmaker, born in Rotterdam, Holland, 1720. His name is sometimes wrongly given by authors as B. Gib, or William Gibs.

was manufactured. Above the hand setting square is written upon the dial in a semi-circle the name, Will Gib, with one l and an exclamation point.

The name was written in that manner by the maker probably to please his Dutch as well as his English customers. The Hollanders consider the English their best customers, and consequently avoid everything which might hurt their feelings. Therefore, instead of writing the abbreviated Dutch word *Willem*, which would be *Wil*, with

beautifully embossed with an allegorical scene having reference to the long and bitter Spanish-Dutch wars, which at the time of the making of this watch had only recently ended. This scene is encircled with magnificently chased lace work of gold. The pedestal bears the name *M. Holstnek*, engraved in very small and nearly undecipherable letters. This is undoubtedly the name of the modest artist who made the case. We could not find any trace of this artisan's name in the books to which we referred, but



FIG. 1.

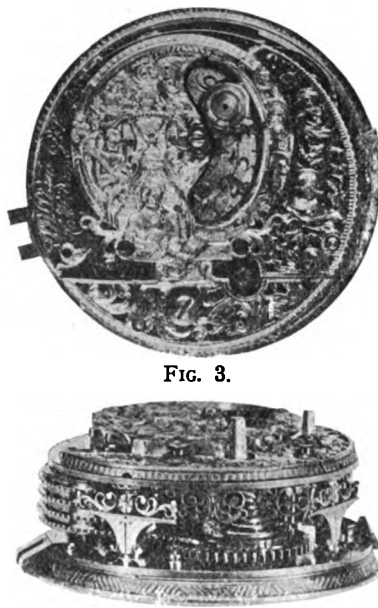


FIG. 3.

FIG. 4.



FIG. 2.

The illustrations unhappily cannot fully do justice to the beauty of the watch, as in trying to show the *à-jour* work of the rim by artificial lighting, the round shading had to be sacrificed so that the front side, Fig. 1, and back of the watch, Fig. 2, make it appear rather flat, and the center has, therefore, become somewhat dark. We will try to supply in this explanation some interesting details, however, and thus compensate for the loss in clearness of the illustrations.

The watch is a heavy gold watch, having a double case of that fine, high grade gold peculiar to the gold works of centuries ago. Fig. 1 represents a front view of the watch in full size. The rim of the outside case is made *à-jour*, and resembles a fine ribbon of gold lace. The dial is also of gold and is embellished with cyphers and ornamentations conforming to the epoch in which it

only one *l* and a period, he added an exclamation point, thereby making the name appear to the English as the English abbreviation Will., with a double *l*.

If some patriotic Dutchman should happen to object to buying a watch with an English name in the back, the English name William being written in full on the movement plate, he could then explain this to him as follows: "You see, Wil. or Willem in front with an exclamation point (a hurrah sign) means *Oranje boven* (high Orange) and William of England in the back."

Underneath the hand setting is written *Rot*, then a square opening through which the date can be read, and immediately after this, *ter*; hence *Rotter*, an abbreviation for Rotterdam.

The back of the outside case, Fig. 2, is

his artistic skill certainly deserves conspicuous notice.

Fig. 3 is an illustration of the top view of the movement. It bears the inscription, William Gib, 1753, Rotterdam, which indicates that the watch is now a century and a half old.

The cock and other ornamentations are skilfully chased, but owing to the brilliancy of the gilding of the plate and movement they could not be reproduced very satisfactorily. Through the concentric slot of the cock can be seen a cyphered division of a regulator scale. The steel hairspring has only three full turns. The steel balance has a disk upon one arm that can be seen through the slot of the cock. It looks as if it were a pendulum and a bob, because the vibrations of the balance are only of about half a circle. Three screws of different sizes



and shapes, fix the regulating device to the movement plate.

The height of the movement is shown in Fig. 4 and this illustration will afford some idea of the attention paid to such simple details as pillars. A pillar is merely a piece of brass wire riveted to a plate at one end with a seat at the other end which serves as a rest for the upper plate. No or very little fancy work is put on it. In order to enhance the beauty of the scrollwork of the gilded pillars the space between them is filled with pieces of ornamental steel, all of the same blue color as the screws.

Even the screws are of the most fanciful design. That which holds the casespring has its head turned in a crown shape, with long neck and three collars around it. Others have only one or two collars and a mushroom shaped head. The mainspring, instead of being set by a click and a ratchet wheel is here adjusted by a brass wheel and an endless screw, the square of which can be seen at the lower left side of the left pillar.

The date work is very simple. To the hour wheel, which turns once in every 12 hours, is fastened a wheel or rather a pinion having 20 teeth. This gears in an intermediate wheel of 40 teeth. The latter wheel carries a pin, which moves the date wheel of 31 teeth, moving one tooth every 24 hours. This date wheel has 31 painted numbers, of which only one can be seen through the square slot in the dial.

Neither the movement nor the case bears any number, which, in view of the few works that could be made by hand during a lifetime, were probably only recorded by the allegorical scenes which are represented upon the case. By imagining a double case and an exceedingly well bombed crystal around the movement, the height of which is shown in Fig. 4, one can form a better idea of the thickness of the watch than by the general illustration seen in Fig. 2. Of the two squares seen on the upper plate, Fig. 4, one is that of the regulator and the other is the winding arbor of the fusee. The hall marks and other signs on the inside case are 1753, an  $\alpha$  within a circle, a crowned *M*, and one indistinct cross-like mark.

The watch, although a century and a half old, is perfectly preserved, and, indeed, one could say it is an entirely new watch. The case bears no marks of having been carried in the pocket and the movement also is entirely new. Not the slightest mark on the pallets of the verge nor on the pinions can be detected, and not even a single screw has been injured or displaced by the unskilled hand of some botch of the 18th, 19th or 20th centuries.

Its very bomb crystal, of extraordinary thickness, is beveled at the edge and is probably the same that was put on the watch in the 18th century.

The oil of its pivots is green and viscous, but the watch undoubtedly will run at a fair 18th century rate when cleaned by skilled hands.

This watch must have been forgotten or hidden for ages in some unknown corner, and if it could speak perhaps it would unfold a mysterious history. But wherever it may have been discovered, it is a most remarkable work of art. W. J.

### Energy in Mainsprings.

THE following question, answered some time ago in the *New York Times*, may be of interest to the trade in general:

I have come across a fact which I am unable to explain by the doctrine of "Conservation of Energy." Will you or some kind reader explain it for me? It is this:

Take a wound-up steel watch spring of certain dimensions. The spring in this state will contain an amount of potential energy practically equal to the amount of kinetic energy expended in winding it up. Place this spring in a solution of sulphuric acid. The steel will be gradually and evenly dissolved, growing continually thinner but retaining its shape. Now, the thin spring contains less potential energy than the original thick one did. While the spring diminishes in thickness the energy diminishes proportionally, until both become zero.

Where does the energy put into the spring go to? Surely, it has not gone into the acid, which will equally dissolve steel in any shape, and energy is not matter and cannot be dissolved.

ADOLPH WEIZENHOFER.

The query propounded was referred to Prof. William Hallock of the Physics Department of Columbia University, who dictated the following explanation:

"When you dissolve a wound-up watch spring in sulphuric acid the result is scarcely different from that when an ordinary piece of steel of the same weight is dissolved. The only point of difference is in the amount of heat produced by the chemical reaction, which would be slightly greater in the case of the spring. This is due to the energy stored up in the spring.

"When you dissolve iron in sulphuric acid you start with the plain iron, or Fe, which is its chemical symbol, and sulphuric acid, or  $H_2SO_4$ . When dissolution takes place the iron molecules take the place of the hydrogen molecules in the atom of acid. The result is  $FeSO_4$ , or iron sulphate, and  $H_2$ , or hydrogen, which is given off as a gas. Heat is the result of this chemical action, and is known as the thermo-chemical equivalent of reaction.

"The energy stored up in the spring is converted into heat during the chemical reaction. This heat, however, would be quite insignificant when compared with the heat of combination of the acid and the iron.

"Take, for instance, a watch or clock spring which, when wound up, has enough energy to raise a five-pound weight three feet. This energy would be equal to fifteen foot pounds, which, according to the mechanical equivalent of heat, if converted into heat would raise the temperature of one ounce of water less than one-third of a degree Fahrenheit.

"The heat evolved in dissolving the spring in the acid would be sufficient to raise the temperature of an ounce of water about 300 degrees Fahrenheit. Thus the heat due to the winding energy is imperceptible in comparison with the heat due to the chemical action."

### Gigantic Clock Hands.

WHAT are probably the biggest clock hands in the world have recently been completed in France, where they are intended to adorn the face of a giant clock upon the railroad station at Lyons. The diameter of the face is 26 feet, and each of the Roman numerals is three feet long. The minute hand of the clock is 13 feet long.

### How a Clock Influenced Business.

Savannah, Ga., June 8, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Why is it that so much is made of clocks having to keep right time to be of any use? Now, I know a clock that never keeps any kind of time; sometimes it is an hour fast, and the next day it is not going at all. Folks look at it just the same when they go by the store, and it has become a sort of joke in that part of the town. "S—'s clock never will keep time." Now, I have a regulator that is always accurate, but I do not believe folks look at my clock any more than they do at the other man's, so what do I gain by all my care and trouble?

S. P. J.

The foregoing letter expresses, perhaps, a state of mind that a good many jewelers and watchmakers possess. THE CIRCULAR-WEEKLY, probably like all trade publications covering similar fields, has always considered that a public clock or a timekeeping clock in a store window should record accurate time or no time. In other words, that accuracy was to be obtained and maintained, if attempted at all.

There is an interesting story which may or may not be based on a real happening that may help to relieve the minds of S. P. J. and others who may think as he says he does. This story is found in the writer's scrap book, under a date of some two or three years ago, but unfortunately its source is not indicated. However, this does not interfere with its value for its present use. This is the story:

"It is curious," said Col. Calliper, "how slight a thing may influence a man's whole future. In a town I lived in once, that later grew to be a thriving and prosperous city, there were two jewelers with such shops as you would expect to find in a place of a couple of thousand inhabitants; doing more business in watch and clock and jewelry repairing than they did in selling things, one doing about the same amount of business as the other, and each of them just about making a living, and maybe just a little more. That's the way they were going along when a newcomer, a man of wealth, bought land in the town and built him a fine house and settled there.

"These new people had more or less tinkering to do, of course, and they tried both of the jewelers to see which they liked better, before settling on one, and it was hard for them to decide; they liked 'em both; both did good work and were both pleasant men. But presently something happened that made the head of the house come at once to a definite decision.

"One of these jewelers had in his window a clock which the man of the newly-arrived household used to consult in passing; he found it a good time-keeper and he came in fact to rely upon it for the correct time, and to have rather a friendly feeling for its owner; in fact, so far as he was concerned, as between the jewelers, he was becoming unconsciously a strong partisan of a man with a clock in his window; when, going by one day, and looking in at it as usual, he saw that it had stopped! The jeweler that had placed that clock in the window, thus inviting confidence in it, and through it in himself, had forgotten to wind it.

"That settled it with the newcomer, who was a precise man, who had made his money by scrupulous and exact attention to business; and he at once threw his weight for the other and turned the scale in his favor; it was in front of his door only that the carriage of the newcomers was thereafter observed to stop. Their example had more or less influence, and more and more people went there, especially from among the new inhabitants. The jeweler himself to whom trade had thus come was a shrewd man who did not fail to take advantage of his opportunities. He doubled his stock and attended to business and went in for what trade there was in the community. The town grew to be a city, and he grew with it, and got rich. The last time I was there, and this was only a few years ago, he was a prosperous merchant, with a fine big store beautifully stocked and doing a fine business. In a small store on a side street, I saw the man who had forgotten to wind the clock, with a magnifying glass over his eye, bending at work over a watch on a work-bench in front of him in the window.

"Occasionally, even here in this big town, I see in some watchmaker's window a clock, put there as a guide to the public and as an advertisement of the business within, that has been permitted to run down; I saw one, in fact, this morning; and that's what brought to my mind, as it always does, the story of the two jewelers."





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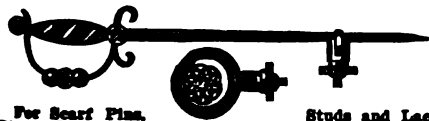
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### The Demagnetization of Watches.

(Continued from page 76, issue of July 30.)

IF we bring a piece of magnetized watch spring dipped into iron filings near the north pole of this blade magnet, we can thereby determine the poles. If the filings assume the position as in Fig. 6 it is the south pole, but if they are repelled from the pole as in Fig. 7 it is the north pole.

When we lay the blade magnet on a measure and carefully draw the piece of spring towards the like pole (the one which repels the filings) the filings will gradually drop off, consequently we see that the stronger magnet weakens the feeble one, when like poles approach. Changing the two poles, we can gradually demagnetize them entirely, complete demagnetization being determined by the fact that no more filings remain clinging to the piece of spring. Upon this the demagnetization is founded, not only in this process, but also in demagnetizing by machine; the poles of the piece to be demagnetized are approached to the magnet pole and removed again, whereby the magnetism is weakened more and more.



FIG. 7.

The ends of the piece to be demagnetized therefore have to be approached alternately to the magnet poles of the magnet, because every magnet has at least two poles. Each of them, however, resists the withdrawal of the magnetism and immediately after removal of the magnet calls forth fresh magnetism on the demagnetized end, even though the piece is removed the moment that the iron filings drop off. (Hence, that is the moment it is free from magnetism.) Upon renewed immersion in the filings, by their adhering to the article immersed, we learn that magnetism has been generated again.

Anyone who has followed the foregoing explanation will now understand how to proceed in order to demagnetize watch parts. A lever is unscrewed from staff and pallet, then dipped into iron filings and approached to the magnet pole which repels the filings until they drop off. After repeated immersions the other end of the lever is approached to the opposite pole of the magnet, and this is repeated until no more magnetism is perceptible, which can be recognized by the fact that no more filings are attracted by the piece (in this case the lever). Now repeat the same operation with pallet and staff and after putting together determine whether any more poles appear. All those pieces composed of various parts must be taken apart in order to accomplish the desired results.

By excessive approachment or actual contact the magnetism is very apt to be converted, i. e., a pole which, before contact showed north pole magnetism has, after the contact, south pole magnetism, the latter frequently being much greater than the previous north pole magnetism. For this reason the poles should be covered with paper, brass or tin foil, so that no injurious direct contact can occur. The worst case is when, as frequently happens, one of the parts of the escapement has several attract-

ing points. The greatest care and attention is necessary to bring about an improvement. It is best to replace mainspring and balance spring by new ones.

The parts to be demagnetized must not be seized with steel tweezers, because the latter would also become magnetic and consequently the parts could not be perfectly demagnetized. Attracting points are also liable to result therefrom, which render the demagnetization much more difficult. Only German silver or aluminum bronze tweezers should be used, which can be bought in any watchmakers' supply store.

Finally I would call attention to the fact that all manipulation with magnets on the bench is dangerous to the tools kept thereon and is best conducted away from it, for if we have a magnetic tool without being aware of it, much troublesome work may be occasioned thereby.

### Oils for the Watchmaker.

IN the old days, before petroleum was in common use, and when whales were abundant, animal oil was extensively used for lighting and to some extent for lubrication. Olive and other vegetable oils have been employed for this purpose, too, as well as for the table and making fine soap. But mineral oil of the right quality has been regarded one of the best, as well as the cheapest, lubricants. When crude petroleum is distilled the first product (obtained with a moderate temperature) is naphtha or gasolene. Kerosene, being less volatile, is vaporized only at a much higher temperature. All of that grade of oil having been distilled out of the crude product, a little more heat will separate a heavier article, but will still leave behind another element, paraffine. It is this heavy oil which is employed for lubrication, though it ought to be manufactured in such a manner as not to contain any paraffine.

Two great merits of this lubricant are that it is free from gum and it will withstand severe cold without solidifying. To these should be added its economy. But it has its drawbacks also. One is its excessive fluidity. Most every watchmaker knows that mineral oil will not stay where it is first placed nor at the point of friction. Another fault was revealed by experiments which the *Journal Suisse d'Horlogerie* undertook to explain, the outcome of which is briefly given in the following:

Mineral oils deteriorate and wear, and soon destroy the surfaces to which they are applied. A chance observation first excited this suspicion in our minds. An excellent cylinder watch which had been going for 20 years was confided to us for simple cleaning. This was accomplished perfectly. We employed mineral oil for the lubrication of the pivots and the mechanism of the escapement with all necessary care. Six or eight months afterward this timepiece was brought back by its owner. Its frequent stoppages rendered adjustment impossible. The slow movements of its balance caused us to think that some accident had occurred since our last repairing. Indeed, the examination of the cylinder showed that the momentary stoppages were caused by deep abrasion of the lips of the

cylinder. At first we thought that this sudden deterioration of an organ which had resisted well until then must be attributed to a lack of oil, which had disappeared completely from the cylinder where usually it was well preserved. It was evident that this was, in part, the cause of the injury. Good mechanics assure us that if the parts of a mechanism exposed to friction wear rapidly when they are worked dry, the wear is no less when the same parts are lubricated with mineral oils.

Why should we doubt that certain liquids, facilitating the adherence of surfaces in contact, determine the wear of these surfaces? We know that in boring hard steel oil of turpentine is a very valuable agent. It is demonstrated that carbolic acid, employed for lubricating a very hard whetstone, renders it better than any other. We have replaced carbolic acid with mineral oil and obtained the same effects. In the drilling of glass, enamel and other bodies where fatty oil is not generally successful, we have always obtained, with its aid, results as satisfactory as with turpentine or with carbolic acid. If the chemical genealogy of these different products is sought it is found that they are a part of the same series—that of the hydrocarbons.

### A Novel Way of Cleaning Cheap Watches.

I WISH to relate the following which took place in a barber shop, says a writer in the *American Machinist*, and which may be entertaining and instructive to the reader. Among a number of men waiting in a barber shop for "Next" was an Irishman who saw the barber spraying and drying a customer's face with the compressed air. He was very much interested and after asking a few questions he said: "Begor, I think that is a good thing to knock the dirt out of an ould watch," at the same time handing his to the barber to clean. The barber saw that the watch was a cheap one and would not amount to much loss if spoiled, so he opened the back of the watch and turned on the air. The cleaning was done about six months ago, and about a week ago I saw the owner of the watch and the barber. The owner said the watch kept good time and gave no trouble and the barber said that he had cleaned about half a dozen watches since. I am not posted enough on watches to say that this is a good way to clean a watch, but if you have an old cheap watch you can't be at a great loss to try it.

### A Perpetual Motion Clock.

A MAN has recently invented what he claims to be as near an approach to perpetual motion as has been found up to date. The clock is in the form of a pendulum, weighing forty pounds and supported from the top by a thin piece of steel. This pendulum is made of different kinds of metal, compensated for contraction and expansion, and is kept in motion by the force of gravity maintained by opposing magnets. If these magnets retain their power, the inventor says the clock will not "stop short, never to go again," but will go on forever without winding.



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## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 198.—Watch Oil.**—Is watch oil of good service for small clocks or is it better to use clock oil? *W. H.*

**ANSWER:**—It depends on what you call a small clock, as, for instance, if you speak of a miniature clock that has a watch movement, it is necessary to use watch oil. For alarm clocks and other clocks of that kind watch oil would be of little service, it being too fluid. It is even better to use a thicker quality of oil for the lubricating of the mainspring and the pivots of its arbor and those of the center arbor than that used for the escapement and other train wheels of the larger watches, 18 and 16-size, for instance. In the use of oils a mechanic must follow his own judgment as the quality and nature of oil varies with the fineness of the mechanism. It will be readily understood by any mechanic that the mechanism of an 0-size watch is more delicate than that of a \$1 watch, with its alarm clock movement. Both are called watches, but the latter will give better results if lubricated with fine clock oil.

**QUESTION No. 199.—To Use a Broken Mainspring.**—Will you, please, tell me if you know of any method to make a broken mainspring serviceable when it is broken near the end of the center? *W. H.*

**ANSWER:**—It is of course easier and better to put in a new mainspring, but sometimes when one has not the desired number it may be handy to use the old mainspring. In this case proceed as follows: Soften the end which is fastened to the barrel to a white blue over about the length of a centimeter and a half. Then polish both sides of the heated part with an emery file and if the mainspring was attached to the barrel by another device, as a hook and a hole, i. e., if the mainspring has no hole, one should be made, after which a coil must be bent, with a pair of round pliers, in the reversed direction of those of the mainspring. This coil henceforth will be the inside coil, which is attached to the mainspring arbor and to give the whole spring the new form it is attached with its new coil upon a mainspring winder. The reversed coiling is directed by a pair of tweezers which are held upon the arbor of the winder and between which blades the mainspring is to slip. When thus wound the mainspring will come out of the winder with its spires regularly formed and is then ready to have its broken end prepared for attachment to the barrel. Only springs of good quality can be used in this way.

**QUESTION No. 200.—Photographs on Watches.**—Is it difficult to make photograph pictures on watches, and how is it done? *T. T.*

**ANSWER:**—Photographs can be reproduced on watch cases just as easily as the transfer pictures which children reproduce on lamp shades and the like. The photographs are printed on collodion paper, which,

after having been dipped in lukewarm water, is applied to the case or dial and pressed on evenly, with the picture side against the object which is to receive the impression. It is necessary first to apply a gelatine solution to the dial or watch cap, in order to secure good adhesion. After the collodion photo is fastened by gently rubbing the back, allow it to dry. Then soak the covered object in water. This loosens the paper and leaves the picture adhering to the dial. The photo may be colored and then protected by a good varnish.

**QUESTION No. 201.—The Vernier.**—Can you tell me when and by whom the vernier, of which you gave a description on p. 76 of THE JEWELERS' CIRCULAR—WEEKLY of May 21, was invented? *P. K.*

**ANSWER:**—The vernier is derived from the nonius, which invention is attributed to a Portuguese named Peter Nunez. It was a circular device and intended to measure small angles. Peter Nunez published a description of it in 1492. Later the nonius was given its actual form by the Dutch (Holland) Captain Peter Werner, who described it in the French language and signed his publication with the French *nom-de-plume*, Pierre Vernier. This publication appeared in Brussels in the year 1631. The device is now generally called in French schoolbooks the *vernier*. The Dutch, however, persist in calling it the *nonius*. This confirms the proverb that a saint is seldom venerated in his own country. French authors say Pierre Vernier was a French geometer, while others say he was a navy captain, which, for several reasons, seems hardly probable.

**QUESTION No. 202.—Gold Incrustation.**—Can you tell me how I can gild parts of bronze articles to make them appear as though incrustated with gold figures? *P. K.*

**ANSWER:**—First clean the articles until they become thoroughly bright; then cover the part which you desire to gild with a paste of white lead and gum water. The other parts are covered with an asphalt lacquer, composed of asphalt, benzine and turpentine. When this lacquer hardens put the articles in water, in order to remove the white lead layer. After this gild in the gold bath. The asphalt lacquer can easily be removed when the gilding has been found to be satisfactory by placing the article in benzol. The gilded decoration will then appear on the bronze or silver objects.

**QUESTION No. 203.—Chronometer.**—I have a two-day chronometer, which gains four-tenths of a second per day, if wound regularly each day, but if I wind it every two days it will gain on this rate. This, I presume, is caused by the mainspring not being properly in harmony with the fusee which seems to me can be understood from the fact that it winds considerably easier when nearly wound up. Can you tell me if this is the fault of the fusee or of the main-

spring, and where I can get a spring to match the fusee in case I have to change the latter. *M. O. P.*

**ANSWER:**—We share your opinion regarding the mainspring and believe it is the cause of the change in rate as regards the winding after the second day. If you carefully notice its movement you may see that it is better on the second day, i. e., has a larger arc of vibration, which would indicate that its long vibrations are performed in a shorter time than the short vibrations, which is not in accordance with the usual rules followed in chronometer making. We think the person of whom you bought the chronometer or its manufacturer may supply you with a spring that will correspond to the fusee.

**QUESTION No. 204.—Nickel-plate Polish.**—Can you, please, tell me how to remove the tarnish from nickel-plated ware, and how to polish them? I have tried alcohol and chalk, but did not succeed. *P. W.*

**ANSWER:**—Oil the goods with lard oil and let it stay on the article over night; then wipe off the oil as much as possible and wash with soap and warm water to which a liberal allowance of ammonia has been added. For polishing use a mixture of Vienna lime and crocus. There are no definite methods for the mixing of lime and crocus, except what has been acquired from experience. Alcohol can be used to mix with the ingredients when applied to the brushes of buffs. Coal oil or kerosene also does well for mixing. Vienna lime soon air slacks and is then worthless for polishing. It should be kept in an airtight stoppered bottle.

### Pendulum To Show Earth's Rotation.

THE public is much interested in the gigantic pendulum soon to be installed in the Pantheon in Paris. This pendulum is supposed to give ocular demonstration of the earth's rotary movement and has recently been described in the *Paris Herald*.

The pendulum is formed of a leaden ball weighing 28 kilograms, and is supported by piano wire some 64 meters long.

The wire already drawn has proved about a meter too short, and after considering whether to lower the dome or elevate the flooring it was decided to draw another wire. With the erection of this pendulum a wonderful lesson in astronomy will be offered to the public.

### A Watch With a History.

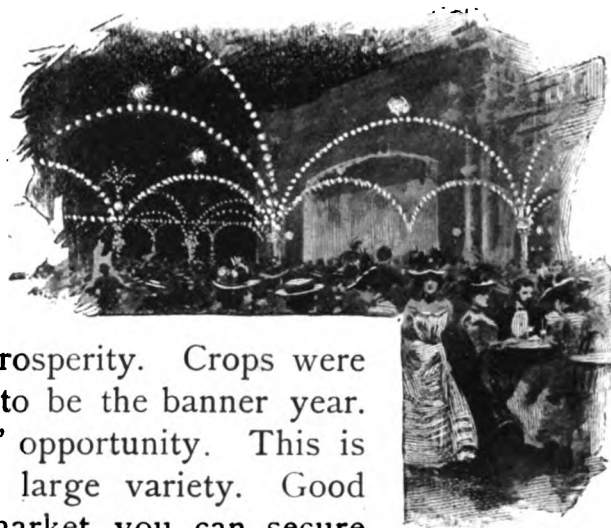
THAT age does not impair a good watch is shown by a writer in a recent issue of the *London Daily Mail*. Speaking of his watch, he says:

"It was worn by one of my ancestors in the Gordon riots of 1780, at Waterloo, and finally went all through the Crimea, where it was worn by my father, who was Chaplain to the Naval Brigade. The maker of the watch appears to be a 'Mr. Saml. Toulmin, of London.'

"Notwithstanding its age, it is an accurate timepiece. Of course a good deal of it has been renovated from time to time, but even now, old as it is, a better watch for keeping time it would be impossible to have."



# Going To Market?



MADISON SQUARE  
ROOF GARDEN.

Last year was one of phenomenal prosperity. Crops were greater than ever before. 1902 promises to be the banner year. The farmers' prosperity is the merchants' opportunity. This is the year for enterprise, fresh stocks and large variety. Good stocks mean good profits. By going to market you can secure the choicest attractions, the latest novelties. Then go to the greatest and best market in America—New York.

By joining the Merchants' Association (cost absolutely nothing) the retail jeweler can obtain **round-trip fare for one and one-third ordinary single fare**, or, in other words, members of the Merchants' Association pay **33½ per cent. less** than the regular fare.

## Dates and Territory for Reduced Fares.

### Aug. 23 to 27 Inclusive.

Territory of Central Passenger Ass'n: POINTS WEST OF BUT NOT INCLUDING SUSPENSION BRIDGE, NIAGARA FALLS, BUFFALO, ERIE, PITTSBURG AND WHEELING, W. VA., NORTH OF THE OHIO AND EAST OF THE MISSISSIPPI, AND SOUTH OF A LINE FROM KEOKUK, IA., TO CHICAGO, INCLUDING THE CITIES OF LOUISVILLE, ST. LOUIS AND CHICAGO.

Tickets good for 30 days from date of sale and good only for reduced rate when bought on above dates.

### Aug. 23 to 27 Inclusive. Sept. 1 to 5 "

Territory of Trunk Line Ass'n includes the following Points and Lines East thereof to New England Line: SUSPENSION BRIDGE, NIAGARA FALLS, BUFFALO, DUNKIRK, ERIE, PITTSBURG, BELLAIRE, O., WHEELING, PARKERSBURG, HUNTINGTON, W. VA., (N. Y. & HARLEM R. R. NOT INCLUDED). Reduction not given to points less than 100 miles from New York.

Tickets good for 15 days from date of sale and good only for reduced rate when bought on above dates.

### Aug. 23 to 27 Inclusive.

Territory: POINTS ON LINES OF THE SOUTHERN PACIFIC CO. (ATLANTIC SYSTEM), HOUSTON & TEXAS CENTRAL R. R., CENTRAL TEXAS AND NORTH-WESTERN R. R., FORT WORTH AND NEW ORLEANS R. R., AND SAN ANTONIO AND ARANSAS PASS RY., IN THE STATE OF TEXAS.

Tickets good for 30 days from date of sale and good only for reduced rate when bought on above dates.

FOR FULL PARTICULARS AND APPLICATION BLANKS, ADDRESS:

## The Merchants' Association of New York,

346 Broadway, cor. Leonard St., or any of the following:

**Gerham Mfg. Co.,**  
Broadway and 19th St.

**Mount & Woodhull,**  
26 Maiden Lane.

**John R. Wood & Sons,**  
2 Maiden Lane.

**Hayden W. Wheeler & Co.,**  
2 Maiden Lane.

**Alfred H. Smith & Co.,**  
182 Broadway.

**M. J. Averbeck,**  
19 Maiden Lane.

**J. B. Bewden & Co.,**  
1 Maiden Lane.

**Bawo & Dottor,**  
26-32 Barclay St.



# HOLIDAY PRESENTS

**E**VERY dealer of High Class Fancy Goods aims to be able to present to the public the best assortment of the newest and most unique articles, as well as the best values for the money. .. ..

A moderate investment of a few hundred dollars will give you here an assortment of the latest and tastiest Art Goods that have ever been exhibited in your town: Our lines comprise the newest creations in Kayser Zinn, the justly celebrated "Usiris" (gold metal), choice Paris and Vienna Bronzes, as well as rich Plates, Marbles, etc. .. ..

We have now articles to sell from \$2.00 to \$25.00 apiece—Specialties—control most of the lines we handle, and will protect you on them, thus assuring you a good profit. .. ..

Come and see our unusual display before the assortment is broken up. .. ..

## GEO. BORGFELDT & CO.,

48 AND 50 WEST FOURTH STREET,  
NEW YORK.





### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

ONE of the most complete and handsome lines of Bohemian glass in the market can be seen in the ware rooms of L. Straus & Sons, 42 Warren St., New York. These goods have just arrived from Europe and the collection is composed of 15 different varieties of sizes, shapes and colors. The shades vary from light amber, zebra striped, to rich purple and dark blue. The lighter shades are characterized by pearly tints and the darker colors radiate all colors of the rainbow. All the pieces have a metallic luster and iridescent finish. One of the styles handled exclusively in the United States by this house, which is called the *Meteor*, in honor of Kaiser Wilhelm's yacht, is composed of glass of a sea green hue and contains a seaweed-like design. A full line of mediæval glass styles and plain glass richly decorated with gold in Hungarian designs, complete the display.

#### LAMP SHADES AND GLOBES.

THERE are some very unique and handsome lamp shades and globes among the Fall samples carried by S. B. & C. B. Clark, Warren and Church Sts., New York, that will interest jewelers who are in search of art goods of this variety at popular prices. The shades come in almost all shapes, in colored glass decorated with bronze, brass and other metals, and in Oriental and Persian designs. Some of the pieces are in the shape of baskets and consist of a dark bronze basket pattern weave over cathedral glass; another variety follows the *art nouveau* designs, with more glass and less metal work than the former. Nearly all the styles are new and many are odd and attractive.

#### GERMAN AND FRENCH CHINA

DEALERS desiring small assortments of handsome French china pieces will be interested in the display in the show rooms of C. L. Dwenger, 35 Park Place, New York. A full line of Spring and Summer samples that embody all the features of the latest designs and colors are here being closed out to make room for the Fall goods. Beautiful pieces will be found throughout the line, a great number of which are in delicate color designs with encrusted gold borders. Many odd shapes are noticeable in a special line of rich Austrian and German china plates and sets. The samples also contain large assortments in plaques, salad bowls, chocolate dishes, ice cream sets and similar pieces.

THE RAMBLER.

# The J. D. Bergen Co.

OFFICE AND SALESROOM: 38 MURRAY ST., NEW YORK.

FACTORY: MERIDEN, CONN.

MANUFACTURERS OF

## American Cut Glass

THAT CAN BE SOLD AT A HANDSOME PROFIT.

We lay claim, and justly, that our NEW LINE is THE LARGEST, MOST COMPREHENSIVE and COMPLETE LINE OF

## Popular-Priced Cut Glass

ever offered to dealers.

Call and be convinced of the fact that

## Bergen Cut Glass

LEADS THEM ALL.

ELECTROS FREE FOR ADVERTISING. SEND FOR CATALOGUE.



No. 624— $\frac{1}{4}$  Pint Oil, "Waverly."

## CAMERDEN & FORSTER

Invite inspection of their import sample line just received from the best manufacturers of Europe, designed this year for the fall demands, and selected for the best and most exclusive trade. The success of the line last year gives us confidence that no better line of samples can be shown.

Brasses, Real Bronzes,  
Extreme Novelties,  
New Devices

Worthy of your inspection and examination.

273 FIFTH AVENUE, near 30th St.  
NEW YORK.



## FANS

AN attractive line of fans will add much to the appearance and variety of your stock.

FANS OF ALL GRADES  
IN EXCLUSIVE DESIGNS  
for the Jewelry Trade.

## LOUIS STEINER,

IMPORTER,  
Successor to Steiner, Davidson & Co.  
520-2 Broadway, NEW YORK.

## TORTOISE SHELL COMBS

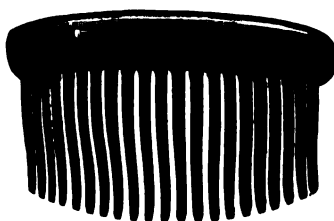
IN AN ENDLESS VARIETY OF PATTERNS.

### THE LATEST NOVELTY: GOLD DOTTED COMBS.

Encrusted with gold dots in many different designs; also, a large line of imitation tortoise shell combs and hairpins.

## A. TRENMANN,

Cor. Broome and Centre Sts., NEW YORK.  
Established 1857.







22 DEPARTMENTS UNDER ONE ROOF.  
EVERYTHING APPERTAINING TO  
**Jewelry and Kindred Lines**  
Send for Our Annual Catalog.  
**The New York Jeweler,**  
**S. F. MYERS CO., N. Y.**  
48-50 MAIDEN LANE

*The Clingtooth*  
TRADE MARK

**IS A TRADE WINNER.**  
SIDE, BACK AND POMPADOURS.  
PLAIN OR TRIMMED.



"Pat. Dec. 24, 1901."

PATENTERS AND SOLE MANUFACTURERS,

**Allen, Smith & Thurston,**  
Order from your jobber. Attleboro, Mass.



**JEWELERS FIXTURES**  
DESIGNERS AND MANUFACTURERS  
**THE CLEVELAND STORE FIXTURE CO.**  
**CLEVELAND, O.**  
SEND FOR DESIGNS AND ESTIMATES.

**L. BONET,**  
**CAMEO PORTRAITS,**



Importer  
.. of .. **Precious Stones,**  
41 UNION SQUARE,  
NEW YORK.

### A Gigantic Jug.

**I**F size counts in pottery there is no doubt that Alfred Watson, of Salisbury, England, has a treasure in the form of a jug, an illustration and description of which he recently sent to the *Pottery Gazette*, of England. Mr. Watson, in his letter, claims the jug to be the largest in the world and gives its dimensions as 26½ in. high, 59 in. around, 25 in. from spout to handle, while its capacity is 16 gallons. In describing the jug the owner says:

"It was manufactured in 1828 by Messrs.



16-GALLON ENAMELED JUG.

Minton's firm, the pattern being enameled in beautifully bright colors. The jug on the right is one made about 1805 to commemorate Nelson's victories and holds three pints. The microscopic object to the left is a perfect jug of Messrs. Doulton's make, holding only a few drops, probably one of the smallest ever made, and, forming a striking contrast to its giant neighbor. I shall be glad to hear if a larger jug *does* exist, and if so where it is; I do not, of course, refer to wine jars or vases, of which I have seen many gigantic specimens both in England and abroad, but an ordinary beer jug. This was made for one of my predecessors, Mr. Sampson Payne, partly

as a joke and partly as an advertisement, and the story told me respecting it some 50 years since was as follows: The business here was started by Mr. Payne in 1824, and shortly after an opponent opened in the same street, five or six doors off. He had a jug holding two or three gallons, which he kept suspended over the street from an upper window. He christened his establishment 'The Big Jug,' and flooded the neighborhood with posters and handbills, urging all purchasers of china, glass or earthenware to be sure to go to the 'Big Jug Shop' for it. At that time Salisbury Fair was far more important than it is now, being, indeed, the one great business day of the year, and Mr. Payne got this jug ready for the 1828 fair and at an early hour hoisted it from one of his windows in a direct line with the other jug. When the country folk flocked into the city and looked about for 'The Big Jug' they saw the two side by side and had a hearty laugh over the jest, which soon spread through the whole district. My informant (an old man who had been in Mr. Payne's employ) told me this was the most effective advertisement that gentleman ever sent out, as before mid-day the smaller jug was withdrawn in disgust and very soon after the rival shop was closed."

### Mode of Origin of Pearls.

**D**R. H. Lyster Jameson made, recently, a highly interesting communication to the Zoological Society on the mode of origin of pearls, says a London exchange. He investigated the case of the pearl mussel and found that the real nucleus around which the pearl substance accumulated was the dead larva of a Distoma or Fluke. The young flukes spend their lives in water and pass a certain period of their early life as guests in the bodies of fresh water shell fish. If the larval fluke succeeded in escaping out of the salt in which it was contained the pearl was left without a nucleus or center. The full grown fluke inhabits the eider duck and the black duck. If pearl bearing molluscs could be infected artificially with the larval flukes there might be a fair chance of producing pearls at will.

**The Pairpoint Corporation**

AND

**Mt. Washington Glass Co.**

NEW BEDFORD, MASS.,

**CONSOLIDATED.**



NO. 3521. SHAVING SET.

38 MURRAY ST. NEW YORK

220 BUTTER ST., SAN FRANCISCO, CAL.

34 ST. ANTOINE ST., MONTREAL, P. Q.

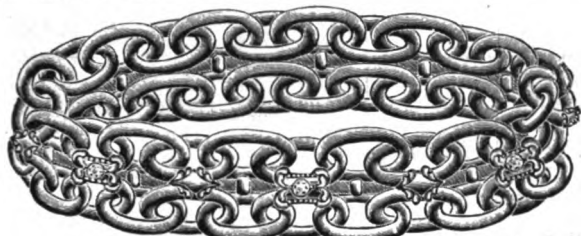


## Simple Enough, Isn't It ?

TO SELL THE

# "Marguerite" Bracelet.

BECAUSE 1,000 000 ladies are reading about it in magazines and by personal letters. It is beautiful, simple, self-adjustable, and made to fit any wrist. Each "Marguerite" Bracelet comes in an elegant satin-lined box.



Pat. June 18, 1901.

Made in 10-kt. Gold, Extra Quality Gold Filled and Sterling Silver, Jeweled Set, Chased and Plain, with plain and fancy finish. Sold by all jobbers. Ask for samples. If you have not purchased a stock of "Marguerite" Bracelets write to-day for samples and particulars.

## Providence Stock Co.,

PROVIDENCE,  
100 STEWART ST.

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131 WABASH AVE.

*Expansion Explains,  
You've Heard  
"Marguerite" Bracelets  
Praised.*

*Simplicity,  
Signifies  
There are Good  
Reasons for it.*

## \$2.50 THE SWAN

Self-filling Fountain Pen.

PRINCIPLES COMBUSTION.

Patented July 9, 1896; August 6, 1901.

CAN BE FILLED WITHOUT DIS-  
TURBING A LINE OF  
THOUGHT.

THE PERFECTION OF A FLOW.

## MABIE, TODD & BARD,

130 Fulton Street, New York.

Sold by Best Trade.

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144 PINE ST., PROVIDENCE, R. I.

**Plated Seamless Wire  
and Aluminum Solder.**

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BY SENDING YOUR

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### MANICURE BOXES.

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Manufactured by

## L. WEIL & SONS,

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ESTIMATES FURNISHED ON APPLICATION.

Send for catalogue.



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IMPORTERS AND CUTTERS.

**R. L. & M. FRIEDLANDER,**  
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SMELTING FOR THE TRADE.

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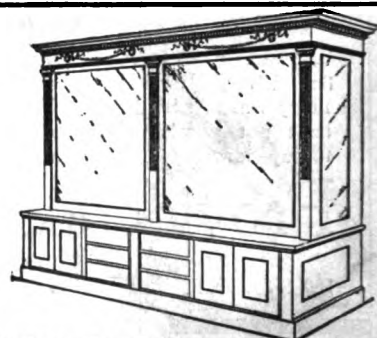
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## Strictly High-Grade Jewelry Fixtures.

We make a specialty of manufacturing strictly high-grade jewelry fixtures of most modern type in design and construction, with latest improvements for electric lighting, if so desired, and ask that you correspond with us if in need of anything in our line.

Address Our Factory Direct—431 Fifth Avenue.



WRITE FOR OUR No. 11 CATALOGUE.

LOUIS KAHN.

MOSES KAHN.

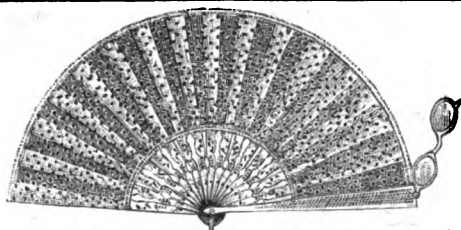
SAML. H. LEVY.

IMPORTERS  
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**L. & M. Kahn & Co.,** DIAMONDS

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Especially made for the Jewelry Trade in our various factories:

MOTHER OF PEARL,  
IVORY, TORTOISE SHELL,  
ENGRAVED EBONY and BONE,  
With ARTISTIC PAINTINGS by the Best Artists.  
Mounted with fine Hand-made Lace.

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PRECIOUS STONES.  
DIAMONDS.  
PEARLS.

**HENRY E. OPPENHEIMER & CO.**

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1, 2, 3 HOLBORN CIRCUS.



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**THE JEWELERS' CIRCULAR**

THE HOROLOGICAL REVIEW,  
WITH WHICH ARE CONSOLIDATED  
**THE JEWELERS' WEEKLY.**  
**THE JEWELERS' REVIEW**

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Corbin Building, 11 John St., Corner Broadway, New York.

Entered as second-class matter at the  
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, AUGUST 13, 1902. VOL. XLV. No. 2.

## THE LARGEST WATCH MOVEMENT EVER MADE.

**T**HE largest watch movement in the world, which will be one of the most attractive features of the American Waltham Watch Co.'s exhibit at the Crystal Palace in London, was recently completed, and has been the subject of universal interest and of much comment by the newspapers of the country.

This movement, an illustration of which appears herewith, is a fac-simile of the latest watch movement of the company, enlarged 10 diameters, which means it has a surface 100 times as large as an ordinary watch, and in cubic measurement is 1,000 times as great.

In producing this work, the makers' purpose was purely educational and not commercial in any sense.

To the majority of people a watch is a thing of mystery. Its sprightly mechanism is admired, and generally well cared for, but while the watch is so implicitly trusted, it is by no means understood, either in the principles of its construction and operation or the deli-

cacy and exactness of its component parts.

For years it has been the policy of the American Waltham Watch Co. to endeavor

to educate the people in regard to the care and treatment which the delicate little time-keeping machines should have. This effort

has been put forth through the agency of a number of lectures, both technical and popular, all of them extensively illustrated by stereopticon views, and many of them being in the form of mechanism in operation.

But of necessity lecture audiences are limited, and as the speaker must address his audience as a whole, and his illustrations be more or less confined to individual portions of the watch which are explained successively, there is danger, or probability, that their relations to one another are not fully comprehended. Portions of the "works" of an ordinary watch are so small that the unaided eye cannot discern them, and moreover the movement of the vital parts, the "escapement," is so very rapid that the eye cannot follow it.

In order to surmount these difficulties and obstacles the American Waltham Watch Co.

(Continued on page 9.)



MODEL OF AMERICAN WATCH TO BE SHOWN AT THE CRYSTAL PALACE.



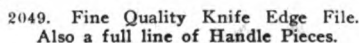


OUR NEW PATTERN FOR THIS SEASON.

Our new catalogue will soon be ready; send for one.

### Manufacturing Jewelers and Silversmiths,

**100 Richmond Street, Providence, R. I.**



**X X**



# THE— RAPHAEL



A MASSIVE AND ARTISTIC PATTERN  
EFFECTIVELY FINISHED AND MADE  
IN FANCY PIECES ONLY. . . .


ALVIN MANUFACTURING COMPANY,

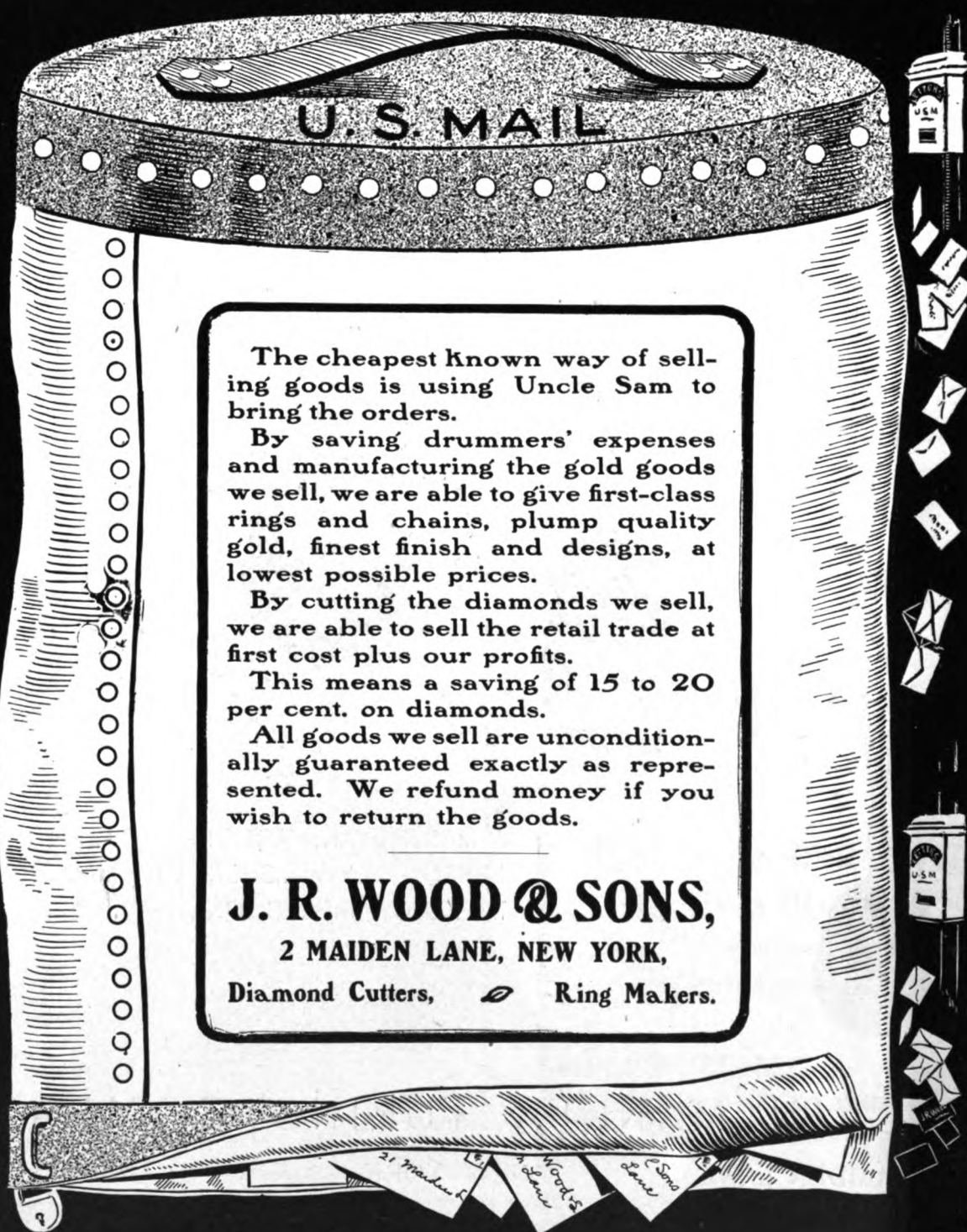
54 MAIDEN LANE.

NEW YORK.

41 UNION SQUARE.



If you order Diamonds and Rings by mail from J. R. Wood & Sons, you have no jobbers' profits or travelers' expenses to pay. 



V. WARING N.Y.



*Our* **Motto: Individual Freedom of Business**

**NO COMBINE OR  
ASSOCIATION WITH TRUSTS.**

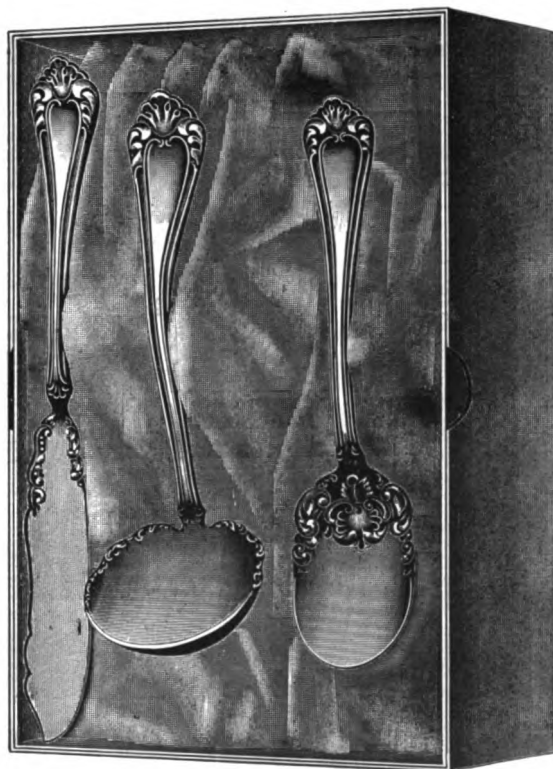
*We aim to manufacture the highest quality of goods; modern and classic designs, of superior finish, made by best of workmen, in our own factories.*

DO YOU WANT TO JOIN US IN THE FIGHT FOR  
**MANHOOD VERSUS TRUSTS?**  
IF SO WRITE FOR CATALOGUE AND QUOTATIONS.

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— AND —  
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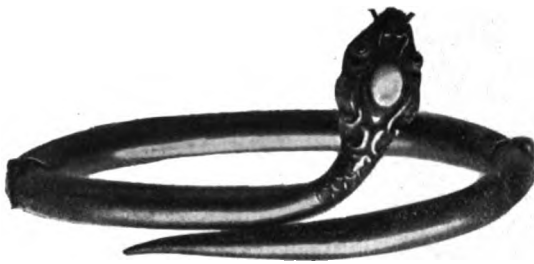
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570 KING ST. WEST.



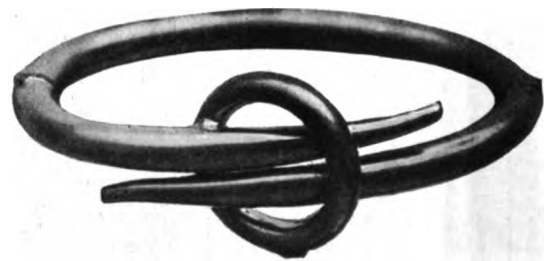
# The "Florodora" Bracelets.



FLORODORA GIRLS WEAR THEM.



PATENTED  
JULY 9,  
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Fifty Patterns in Sterling Silver only, finished in Polished or Satin Silver,  
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IN STOCK OF LEADING JOBBERS.

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**W & D**



# == You Can Obtain ==

first-class results in Hand Engraved Filled Cases only with skilled workmen and when there is sufficient thickness of gold to cut

deep and bold. ..



**The Gold** on Fahys 20-year Montauk and 25-year 14F.K. Cases is not only thick enough to wear as guaranteed but also to

allow the engraver to cut into the gold deep enough to bring out fine artistic effects. Up-to-date designs, well executed by skilled workmen on good stock are some of the features on Fahys Montauk and 14F.K. Gold Filled Cases and they are all engraved by hand.

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FAHYS BLDG., 54 MAIDEN LANE, NEW YORK.

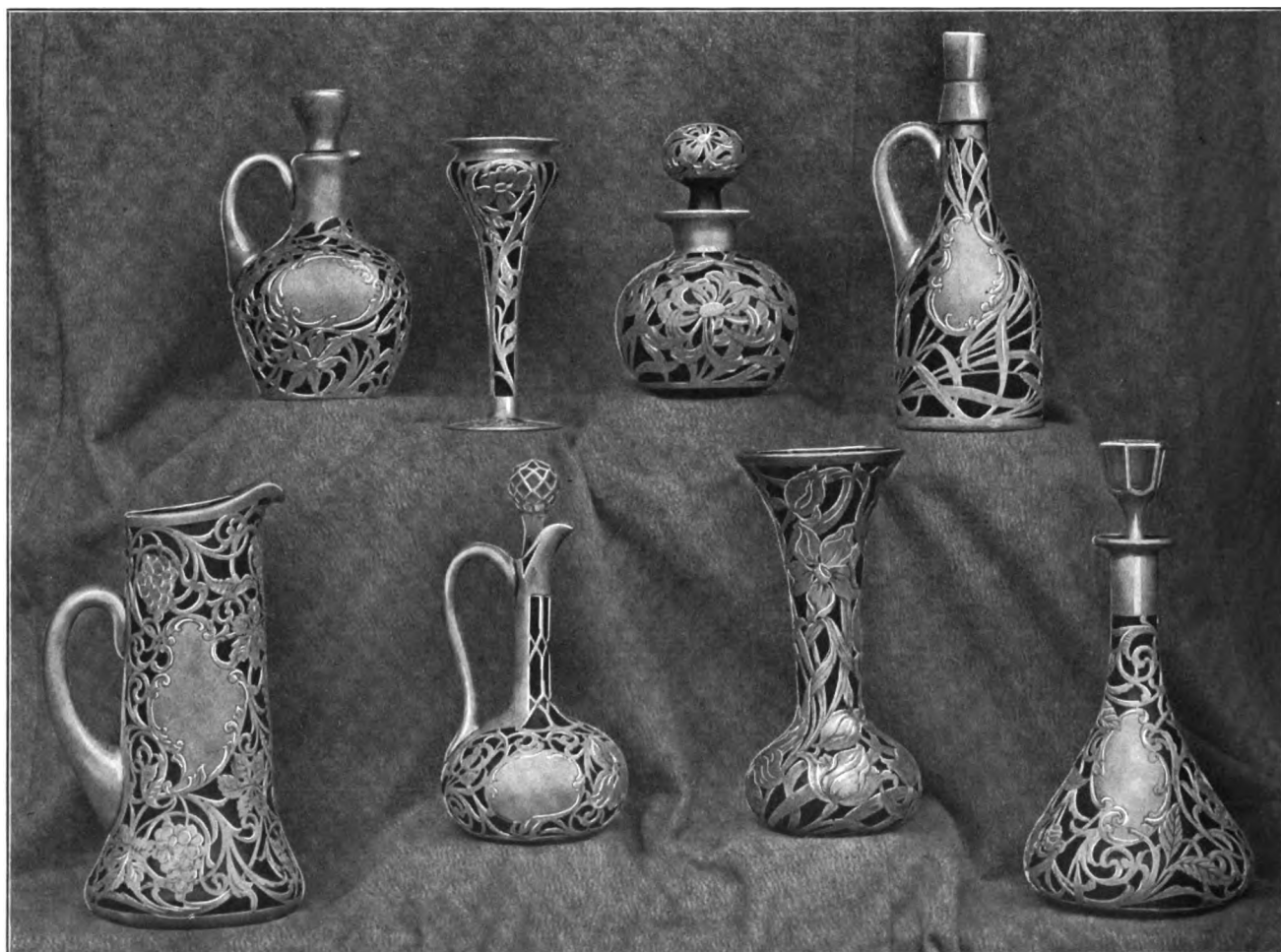


# DEPOSIT WARE.

We are not the largest manufacturers of this very important branch of the silversmith's art, but are indisputably **The Leaders.**

The Mauser Deposit Ware bears the stamp of the most skilled labor—with designs carried out most accurately and edges cleanly cut, it is without a peer. Prices surely to command attention.

<p>925 / 1000 FINE <b>Hollow Ware</b></p>	<p>TRADE MARK  "Watch Our Ads."</p>	<p>999 / 1000 FINE <b>Deposit Ware</b></p>
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**The Mauser Manufacturing Company,  
Silversmiths,**

Factory and Salesrooms: 14 East 15th Street, bet. Broadway and Fifth Avenue, New York.

Branches: 15 Maiden Lane, New York. 126 State St., Chicago.



**The Largest Watch Movement Ever Made.***(Continued from page 1.)*

made the gigantic movement illustrated, which is one of the finest pieces of mechanism ever produced, according to the uniform testimony of those who have been so fortunate as to see it. This enlargement of 10 diameters brings the mechanism up to a size easily observed, and while the form and relative proportion of all the parts are carefully maintained, the rate of motion, or rapidity of movement, has been so greatly reduced as to allow the beautiful action of all parts of the escapement to be easily observed and carefully studied.

This being the case, it will of course be understood that the model is not designed for an actual timekeeper. It is made without the usual dial, and allows the dial wheels and the pendant setting mechanism to be seen, and their connection and disconnection explained.

The movement stands on its edge, so

that the position of the axis of the winding pinion is exactly in the center of the top. Directly opposite to this the edge of the plate is rigidly fixed to a saddle, or frame, provided with a round base, or pedestal, which has a hub extending downward to any desired distance through the bench on which it stands. Beneath the bench this hub is fitted with a hand wheel by means of which the movement may be turned. Beneath the round base is a circular groove, or truck, in which run the steel balls which support the entire model, so that the desired turning is easily performed, although the completed model weighs about 120 pounds.

The finish and ornamentation of this model correspond exactly with the watch movements of which it is a copy, but the work required in securing the perfect finish can only be appreciated by those who have attempted similar work.

The mechanical difficulties involved in the manufacture of the various parts demanded the devising of quite a number of

special tools, which work reflects credit upon the workmen who created them.

In addition to the complete movement model, duplicates of two portions of the mechanism were made in order to exhibit in detail two recent valuable improvements. These were the mainspring barrel and patented jeweled main wheel and barrel arbor; also the winding pinion and crown wheel. These latter are cut in a new manner, by which a remarkable smoothness of action is attained.

To exhibit the action of the pendant setting mechanism the movement was fitted with the equivalent of a case pendant and winding crown, the pendant being cut away at the back so as to show the pendant nut and sleeve and the winding bar.

This model, while serving as a splendid means of educating the public concerning the mechanical principles involved in the perfectly accurate running of the pocket watch, also demonstrates the almost wonderful mechanical resources of the company by which it was made.

# Charity

is supposed to begin at home, but often begins nowhere, and that is just where it should begin and end in business. You don't want Charity; you don't expect Charity; and you don't get Charity. Charity is said to cover a multitude of sins. It certainly covers a multitude of business errors. If you buy less attractive goods than your competitor, but still keep on buying at the same old place because you like the salesmen, that is Charity on your part. If you are often disappointed because your orders are not promptly filled, and receive a very poor assortment in your memorandum packages, and you still continue to send your orders to the same slow old place, simply because you have been doing so for a long time, that is Charity, but you are not getting it. Any house that solicits your business for any but purely business reasons is asking Charity from you. We are not looking for Charity, and we do not believe you are.

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In carrying out this idea we have  
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They are so moderately priced  
that no wide-awake jeweler  
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Made only in 14K. with  
Diamond and Opal, Diamond  
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ELCOX & CO.,**  
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### Census Report on Cut Glass Ware, Optical Glass and Watch Crystals.

WASHINGTON, D. C., Aug. 6.—Some facts of interest are presented in the census report on the manufacture of glass during the last census year. Cut glass ware, 134,726 dozen pieces in number, valued at \$672,463, an average of \$4.99 a dozen, was reported by 12 establishments. The glass report, however, does not cover the numerous glass-cutting establishments in which the basic material used is the glass blank and in which the manufacture consists merely in reworking the glass.

A large portion of the cut glass reported from Pennsylvania and West Virginia—56,800 dozens, valued at \$311,189 for the former, and 71,369 dozens, valued at \$88,061 for the latter—was light-cut articles, such as tumblers, although there was one establishment in Pennsylvania engaged largely in the manufacture of cut ware of the highest grade. The production of other States was as follows: Indiana, 325 dozens, valued at \$660; Massachusetts, 3,332 dozens, valued at \$146,613; Ohio, 2,900 dozens, value, \$126,000. The percentages of the total quantity and total value manufactured in the several States are as follows: Pennsylvania, 42.2 per cent. of the total quantity and 46.3 per cent. of the total value, at an average of \$5.48 per dozen pieces; Massachusetts, only 2.5 per cent. of the total quantity, but 21.8 per cent. of the total value, the average value of \$44 per dozen indicating the manufacture of the richest cut ware; the same is true of Ohio, with only 2.2 per cent. of the total quantity and 18.7 per cent. of the total value, an average value per dozen of \$43.45. In West Virginia, with its large production of blown ware, practically all light cutting was done, the product averaging \$1.23 per dozen in value; the product of that State was 23 per cent. of the total quantity, but only 13.1 per cent. of the total value.

The largest part of the cut manufactured was made in establishments in which the glass was reworked only, and is not included in this report. A list of such establishments, published at the close of the census year, 1900, giving the number in each State, was as follows: New York, 21; Pennsylvania, 13, Illinois, 4; Connecticut, 2; and Massachusetts, Rhode Island, New Jersey, West Virginia, and Michigan, 1 each. The industry has had a large growth in the last decade, particularly during the latter part of it, the number of establishments having doubled and the number of frames operated more than trebled. The demand has steadily increased and the market widened as prices have been lowered by competition.

An improvement that will probably be made in the industry is the manufacture of the blank by pressing, increasing the speed of manufacture fourfold over the blowing process. It was for a long time the practice to import the blanks from France for most of the finest grade of ware cut in this country, but the domestic blank is now conceded by competent judges to be equal, if not superior, and is steadily supplanting the imported article. The superiority of American rich cut glass is



generally acknowledged at home and abroad.

The importation of optical glass has steadily increased, the development of the photographic camera being a strong stimulant. A large portion of the total importation enters the New York camera district at Rochester, N. Y. Germany furnished 43.7 per cent. of the total value in 1900; the United Kingdom, 33.7 per cent.; and France, 22.6 per cent. Attempts have been made in this country to make optical glass, but the manufacture has never passed beyond the experimental stage, and at present even experimenting has ceased. The time and care required and the uncertainty as to results attending every melt, in face of the free entry of these products from countries long skilled in the art, make the manufacture of optical glass an unattractive proposition to glass manufacturers in the United States.

Watch crystals, which are not manufactured in the United States, although it was attempted recently in West Virginia, are imported in large numbers of small aggregate value. The process of manufacture is simple, and it will in time probably form a part of the American industry. A thin round ball or bubble of glass is blown, and from this, with diamond-pointed compasses, the circular disks are cut, which are then placed on properly shaped blocks and bent to the required shape by reheating.

Great progress has been made in recent years in the manufacture of expensive "art glass" of the highest order. One of the exhibits which attracted considerable attention from glass men of all countries at the Paris Exposition was a new art glass manufactured by a firm in New York. High-grade lamps, unsurpassed by any manufactured, have been produced in this country.

#### Last Honors to Wm. A. Creed.

Boston, Mass., July 6.—Funeral services for William A. Creed, of Weymouth, president of the Creed & Kellogg Co., 109 Kingston St., whose death at Vassalboro, Me., Aug. 2, was reported in the last issue of THE CIRCULAR—WEEKLY, were held yesterday afternoon at his home at Middle and Charles Sts., Weymouth Centre.

There was a large attendance, including many business men from Boston, the employes of the firm and delegations from Sackett lodge of Masons of East Bridgewater, Dorchester Chapter R. A. M., and South Shore Commandery, Knights Templars, of East Weymouth. There was an abundance of flowers.

The Rev. William Hyde, rector of Trinity Church, officiated and musical selections were rendered by a quartette choir.

The body was taken to Kingston, accompanied by a delegation from South Shore Commandery and was buried in Evergreen Cemetery, the Knights Templars burial service being performed at the grave.

Mr. Goodman, a jeweler of Marion, Ind., has moved his stock into the Foster Davis property.

T. Grimm, Glenville, O., has moved into new quarters at the corner of Doan and St. Clair Sts.

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ESTABLISHED 1876

EXPERTS IN MAKING MODERN TRAYS OF ALL KINDS AND FITTING UP STORES WITH TRAYS IN EBOUY,  
ROSEWOOD OR MAHOGANY. ALSO INEXPENSIVE WALNUT TRAYS, 12 X 12 INCHES.

FINEST LINE OF JEWELRY CASES AND WATCH BOXES SHOWN AT OUR OFFICE.



No. 300. French Mask.



## Art Work in Gold is a Specialty with us.

A catalogue and price list of Signet Rings for  
the asking. Goods sold only to  
legitimate jewelry trade.

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# SAFETY CATCH

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IN THE UNITED STATES  
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 IT LOCKS ITSELF AUTOMATICALLY WHEN YOU CLOSE  
THE PIN AND CANNOT WORK LOOSE UNTIL YOU OPEN IT.

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# DAY, CLARK & CO.

 Back and Side  
**COMBS**  
Tortoise Shell,  
Gold and Pearl  
Ornamentation

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 Belts and  
Buckle Pins for  
**WAISTS**  
New Shape  
Hat Pins

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 MANUFACTURERS OF  
**JEWELRY & SILVERWARE CASES**

PAPER BOXES, TRAYS, CHESTS.

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BUFFALO, N. Y.

Estimates cheerfully furnished.

Samples on application.

## ELSIE BEE'S FASHIONS.

NEW STYLES IN CROPS, CANES AND UMBRELLAS.

THE jewelry of umbrella and parasol handles comprises in general the turquoise, amethyst and topaz.

Beautiful driving whips of English holly are banded with bright gold. Others have an extensive grip of gold plate or silver gilt dotted over with a little raised set figure of a snaffle bit.

Slender malacca canes have crooks tipped with plain silver and gilt, and light sticks of silvery gray wood, with the natural bark retained, are ornamented with a narrow triple twist of silver.

Bamboo is the latest material to furnish handles to some very stout and substantial umbrellas and canes for men. It is colored and shaded in rich dark brown tones, highly polished and handsomely capped with silvergilt.

Parasol coverings are either extremely gay or indescribably dainty and all the substances used in connection with umbrellas, together with crystal, colored quartz, enamels and various semi-precious materials enter into the making of suitable handles.

One of the most elegant specimens noted in the new line of crops is of bamboo stained to a rich dark shade of green. The crook is of fine wood similarly stained and polished, while a band of bright gold, raised stirrups and bit decoration binds the two together.

The day of the cup is certainly here and everyone knows the utility of this object during the traveling and vacation season. The pretty little cups are of all sorts—plain, bright silver or highly ornamented, with a handle or without, not to mention the convenient collapsing varieties.

A spiral fluting of silver forms one good umbrella handle; silver deposit on wood figures very handsomely in others; agate with silver deposit makes another attractive specimen; pearl in connection with silver gilt pleases many people; a dainty blue porcelain ball, with a tiny gold serpent wound around the stick beneath it affords a particularly attractive little handle and carved ivory and ebony are always in vogue.

Despite automobiles and other attractions in the way of motors, the horse remains as popular as ever, if one may judge by the appurtenances provided this Summer for the comfort and luxury of lovers of the noble animal. Latest of all are some riding crops made after the fashion of the new "paddock sticks." These are covered with leather with a stitched seam running lengthwise and the usual loop is replaced with a stout strap made of two thicknesses of leather firmly sewed together and in this is cut an oblong opening, also stitched around. The handles of these novelties are also notable, being of stag horn, with a gold band decorated with raised figures of an equestrian character.

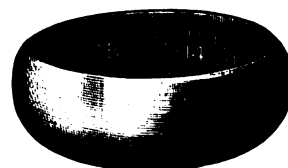
ELSIE BEE.



MAKERS OF  
The Original Triple Crown Filled Rings.



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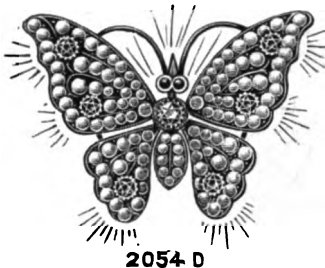
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We make the largest line of Solid Gold Set Rings in America for the Retail Trade.



ALSO The Twentieth Century Elk Ring.

BRACHER, BECKER & BARNETT,  
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## George F. Kunz's Report.

Production of Precious Stones in 1901, to  
be Published by the United States  
Geological Survey.

WASHINGTON, D. C., Aug. 8.—George F. Kunz, the precious stone expert, has prepared for the Geological Survey his annual report on the production of precious stones for 1901. Through the courtesy of the Survey officials, THE JEWELERS' CIRCULAR—WEEKLY is enabled to present the report in advance of official publication. The full text of the report is as follows:

### THE REPORT.

The year 1901 was marked by the greatest known prosperity in the precious stone industry. Never were more diamonds, pearls, or emeralds sold, nor did fine gems ever before command better prices, and diamonds are likely to advance still further during the coming year. Never were finer gems more difficult to obtain, even at high prices, nor were they more firmly held.

Never since the famous looting of the Summer Palace in 1862 have so many treasures of jade, rock crystal, pearls, and other precious stone objects reached not only this country, but every country in Europe. The distressing fact remains that many an object, such as an altar set, or a writing set, or the funeral offering at the tomb of an Emperor, an Empress, or a noble, and made up of two or three pieces, were divided among several soldiers. Often a superb fan, or some such similar object, will have upon its upper side a thick coating of dirt, the firmly knit dust of ages, and the lower side will be as clear as it was then laid upon the tomb a century or more ago. No class of objects, whether the seal of the post office of the Emperor, or the tomb ornaments of generations ago, or the name of an Emperor in jade, escaped the rapacity of the soldiers, who each in turn would secrete them in their baggage with other hard stones, or with metal objects, and then carry them in this crude manner half the way round the globe, thus breaking, scratching, and nicking objects of priceless and historic value. Never has the more open boast of "loot" been made within the memory of man. Frequently the objects offered for sale have a complete history as having been the jade tablets of this or that altar.

Thus three times has China been sacked of its priceless jade objects—at the looting of the Summer Palace, during the Japan-China war, and finally in the late International China war. So that to-day New York, Berlin, London and Paris hold more such objects than any Chinese city.

### DIAMOND.

#### SOUTH AFRICA.

DeBeers Consolidated Mines.—Considerable space was given in the last report of this division to the diamond mines of South Africa, and the effects produced upon them by the war in re-

Keep your eyes open and be wide awake if you want to get a hold of a good thing this fall. Our salesmen will call on you in a few days with a full line of Solid Gold Rings that cannot be excelled in finish or in appearance. One look at our line will convince you that there is one firm, who have their trade mark "DF" in every ring, whom you will patronize in the future. All goods guaranteed to be as represented.

# DATTELBAUM & FRIEDMAN,

Makers of **GOLD RINGS,**

45 JOHN STREET,

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## The Bryant Rings.

Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



Our Line of

# Signet Rings

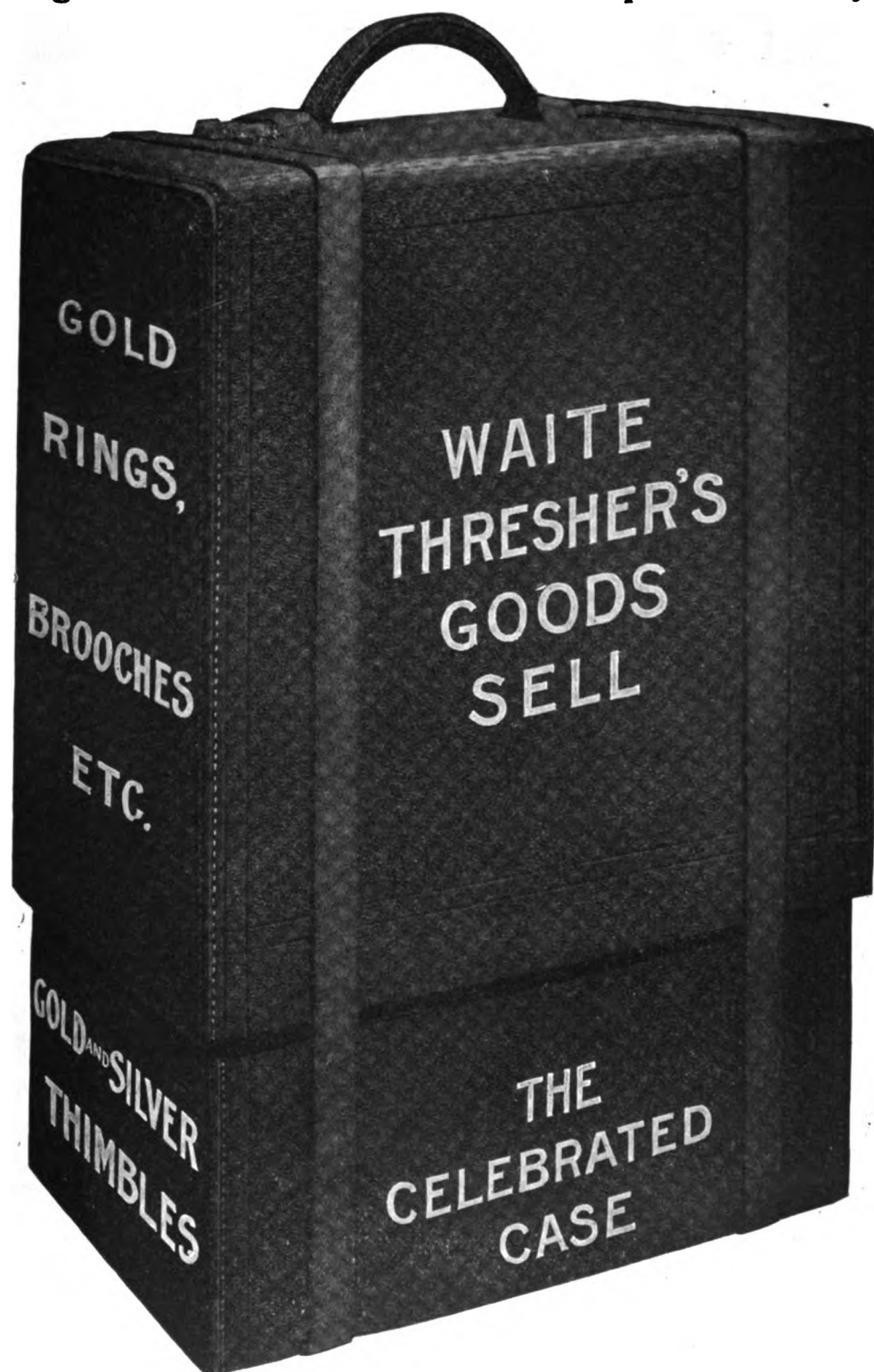
is complete and  
merits attention.



M. B. BRYANT & CO., 7 MAIDEN LANE, NEW YORK.



Our new samples for the coming season are now in "The Celebrated Case." 'Tis for YOUR interest to see them, for you know "W. T.'s goods sell" and our first orders prove this saying true.



**WAITE, THRESHER COMPANY,**

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# FIVE YEARS AGO

we started the Hand-Carved Ring on its run for popular favor. It took immediately, has been increasing in popularity ever since, and to-day is in greater demand than ever.



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## OUR LINE IS STILL IN THE LEAD.

NEW DESIGNS FOR FALL TRADE.

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## TORTOISE SHELL COMBS

IN AN ENDLESS VARIETY OF PATTERNS.



### THE LATEST NOVELTY: GOLD DOTTED COMBS.

Encrusted with gold dots in many different designs; also, a large line of imitation tortoise shell combs and hairpins.

**A. TRENMANN,**  
Cor. Broome and Centre Sts., NEW YORK.  
Established 1857.

## PEARLS BOUGHT FOR CASH.

If a customer should bring you any Diamond or Pearl Jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
NO. 8 MAIDEN LANE, NEW YORK,  
where you can have an immediate Cash Offer.  
Established 1890.

**Charles M. Prior,**  
**DESIGNER.**

*Original Designs for Sterling Silver.  
Fine Etching.*

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ducing and partially suspending their operation during the year 1900. The succeeding year has witnessed a resumption of activity, which had, indeed, begun before; and the reports of the directors and of the general manager, presented at the annual meeting of the DeBeers Consolidated Mines, December 23, 1901, show very marked advances. There have still, however, been many difficulties and limitations consequent upon the continued war. The natives have become so unsettled that the necessary labor is procured only with great trouble and with constant irregularity and uncertainty. The government has required so much use of the railway line to Cape Town that the DeBeers Co. has been restricted in the transport of supplies, and has had to limit operations correspondingly; and further, the government has also made such heavy demands on the African coal produced at the Indwe mines that the company has been forced to import English coal in large quantity at greatly increased cost.

On the other hand, the amount of work actively done was a great advance on the year before, the yield of diamonds having doubled, and the proceeds having been more than doubled, owing to a continued rise in price. The company has again paid the usual dividend of 40 per cent., omitted in 1900, amounting to £1,579,582; and a balance of £2,887,999 is carried over. During the year the company bought out for £12,000, the last remaining claims upon the Du Toits pau mine, and propose soon to operate that mine on an extensive scale. A new contract has been made with the Diamond Syndicate for the sale of the total output at an increased price, and the DeBeers Co. becomes a partner with the syndicate to share in any profit. Another important change has been effected in the three "life governors," Messrs. Cecil Rhodes, Alfred Beit, and Julius Wernher, who have heretofore received a fixed share in the company's profits, have commuted that interest and now receive in its place 160,000 deferred shares of stock, par value £2 10s. each, this amount being equally shared between them. The stock of the company is divided into preferred and deferred stock. The previous arrangement gave the life governors together one-fourth of all the profits, after 36 per cent. had been paid in dividends on the preferred stock. The new agreement obviates various possibilities of complication, and is regarded as a gain to the shareholders in general and a concession on the part of the governors. Mr. Rhodes personally did not favor it, but yielded to the views and wishes of his associates. The life governors are a self-perpetuating body, and the place of Mr. Rhodes, made vacant by his death, must be filled by the choice of his colleagues. A large part of the report is taken up with detailed explanations of this new arrangement, its motives, objects, and anticipated results.

Preparations for more extended and more economical working of the mines are being carried on vigorously. The acting general manager, Mr. A. F. Williams, goes largely into these matters in his report. A great deal of new and improved machinery is being installed, which will substitute automatic processes for much of the native labor now difficult to procure and to regulate. Steam shovels, mechanical haulage lines between floors and crushing mills, devices for tipping and righting trucks, etc., are described among these improvements. The cold storage plants at Cape Town and Kimberley, referred to in last year's report, have proved highly successful and profitable; the dynamite factory is progressing, though it has been delayed by the continuance of the war.

**Bulfontein Mine.**—Operations have been begun at the Bulfontein mine, 148,086 loads having been hauled therefrom, but as they had not yet been

# The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN  
QUALITY AND PERFECT IN FINISH. WE  
MAKE EVERY VARIETY OF FINGER RINGS.

## J. B. BOWDEN & CO.,

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NEW YORK.



# The Most Profitable Lines



Vase. 621/140.  
"Octavus."

in a jeweler's stock should be

## Cut Glass, Art Pottery and Bric-a-Brac,

Not only because there is a good profit in their sale, but also because they render the store attractive by giving an air of distinction to it, and attract the wealthiest and most desirable trade—and it costs comparatively little to make a good display.

### If your Departments in these Lines have not proved Successful

It is, perhaps, because you have not bought your stock from headquarters, have not had the pick of the choicest and latest goods. We have our own **Cut Glass** factory in New York, have **China, Pottery** and **Art Glass** factories in Limoges, France; Carlsbad, Bohemia; Rudolstadt, Thuringia; and Steinschönau, Bohemia, and control many other lines, besides having our own decorating shops in this country.

We have for years been making a special study of the needs of the jewelry trade, and with our unrivalled facilities are enabled to offer a variety of lines specially adapted to the jewelry trade, which ensures success for our customers.

### Our New Cut-Glass Patterns are Original

In designs and shapes, unusually attractive, and, like all **Straus American Cut Glass**, is of the best quality. We have always aimed to make our **Prices** as **Reasonable** as possible. Our **Cut Glass** is well known as a good profit producer for the dealer. All our cut glass is of a **High Standard**; we do not make "cheap" goods, but sell a first-class article at a *low price*. Cut glass, the only attraction of which is its "cheapness," gives satisfaction to no one. We publish an illustrated and descriptive cut glass catalogue.

*When in New York, do not fail to  
visit our showrooms.*



Bowl. 458/170.  
"Pheasant."



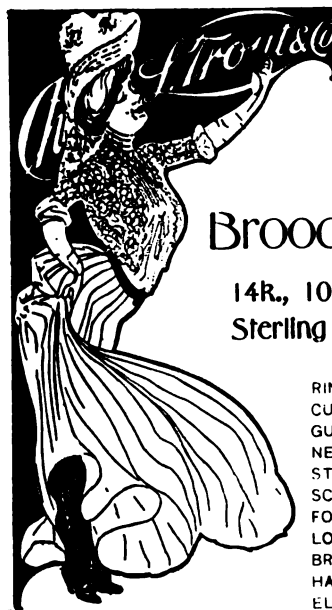
## L. Straus & Sons, Manufacturers and Importers,

42, 44 and 46 Warren St. and 116 Chambers St.,

NEW YORK.

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**Brooches,**  
14K., 10K. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
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FOBS,  
LOCKETS,  
BRACELETS,  
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**"Runaway Girl" and "Florodora"**

BASH, HAT, BROOCH AND CUFF PINS, WAIST SETS,  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**BIG SELLERS.**

CATALOGUE READY ABOUT SEPT. 1ST, OF  
**Ebony, Gun Metal and Leather  
Novelties.**

**CHAS. L. TROUT & CO.,**

5 AND 7 MAIDEN LANE, NEW YORK.

washed, that number of loads remained on the floor at the close of the year. Of this, 2,448 loads were "yellow ground." A great deal of development has been done down to 600 feet, and the "blue ground" in sight is estimated at 18,000,000 loads.

**Premier Mine.**—The Premier mine, heretofore a shallow, open mine, though of large area, has been developed to a depth of 500 feet. It is now operated on five levels, at 125, 185, and 240 feet as open workings, and at 460 and 500 feet under ground, while the main shaft has been sunk 63 feet deeper. The amount of blue ground in sight was estimated at 12,850,000 loads. Much development has also been done here.

The figures of production, as compared with those for the three previous years in which this mine has been worked, are:

*Premier Mine Production, from 1898 to 1901, Inclusive.*

Year ending June 30.	Karats obtained per load.	Price realized per karat.	Amount realized per load.	Cost of production per load.
	Number.	s. d.	s. d.	s. d.
1898 ....	0.27	20 9.8	5 8.2	2 7.1
1899 ....	.80	22 10.1	6 9.8	2 3.3
1900 ....	.80	25 0.2	7 5.9	2 7.5
1901 ....	.295	27 3.7	8 0.6	3 9.9

The actual number of loads and the yield of diamonds therefrom for the same period were:

*Premier Mine Operations from 1898 to 1901, Inclusive.*

Year ending June 30.	Loads hauled.	Loads washed.	Loads remaining on floors.	Karats of diamonds found.
1898 ....	1,146,984	691,722	727,089	189,356

1899. ....	2,082,771	1,662,778	1,097,082	496,768
1900 ....	980,210	736,929	1,340,813	220,768
1901 ....	1,571,631	1,517,981	1,898,963	447,899

The total value of these diamonds was £610,831, 4s. 10d., a much greater result than that of any previous year's production from the Premier.

The two great mines, the De Beers and the Kimberley, are, for the most part, treated together in the reports of the company. The figures for the past year, as given below, in comparison with those of the three years preceding, show a great recovery from the setback produced by the war.

*De Beers and Kimberley Production from 1898 to 1901, Inclusive.*

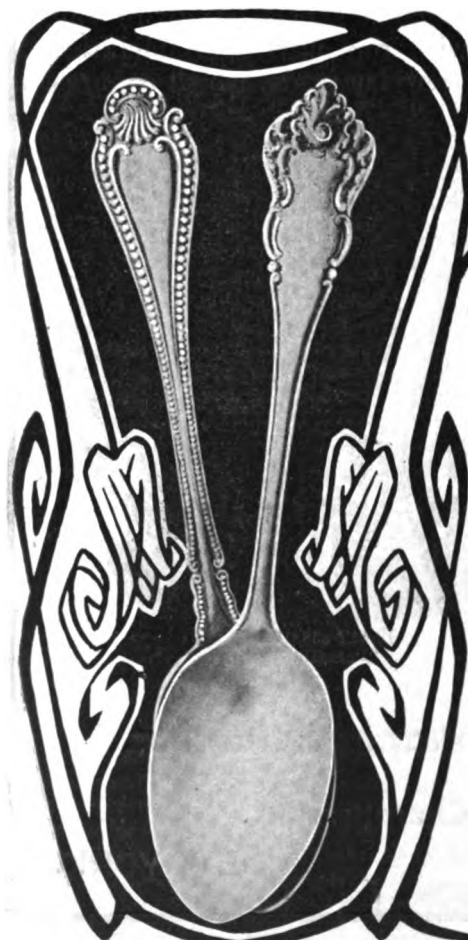
Year ending June 30.	Karats obtained per load.	Price realized per karat.	Amount realized per load.	Cost of production per load.
	Number.	s. d.	s. d.	s. d.
1898 ....	0.80	26 6.2	21 2.1	6 7.4
1899 ....	.71	29 7.2	20 11.5	6 7.7
1900 ....	.67	35 10.2	23 6.9	7 6.2
1901 ....	.76	39 7.0	30 3.1	8 5.0

It will be seen from the foregoing figures that the yield per load has not only recovered from the diminution referred to in the report of this division for last year, but has improved, and that the price of diamonds has continued to rise, being now higher than ever before in the history of these mines, and is just about double what it was in 1899, previous to their consolidation. The increased cost of production, both in these mines and in the Premier, is due to the various unfavorable conditions above noted as results of the war, and to large amounts of development work.

Taking the actual amounts of production and comparing them in like manner, the figures are:

*De Beers and Kimberley Operations from 1898 to 1901, Inclusive.*  
(Fractions of karats and of pounds are omitted.)

Year ending June 30.	Loads hauled.	Loads washed.	Loads remaining on floors.	Karats of diamonds found.	Amount realized thereon.
1898 .....	3,332,688	3,259,692	2,877,913	2,603,250	£3,451,214
1899 .....	3,504,899	3,311,773	2,987,784	2,345,466	3,471,060
1900 .....	1,678,664	1,522,108	2,722,595	1,000,964	1,794,223
1901 .....	2,120,897	2,616,873	2,216,119	2,000,495	3,959,383



# WORLD BRAND

You will find it easy to sell "WORLD BRAND" Plated Ware. No silver ware has ever been made that is quite so attractive or of such splendid value.



**"WORLD BRAND"**

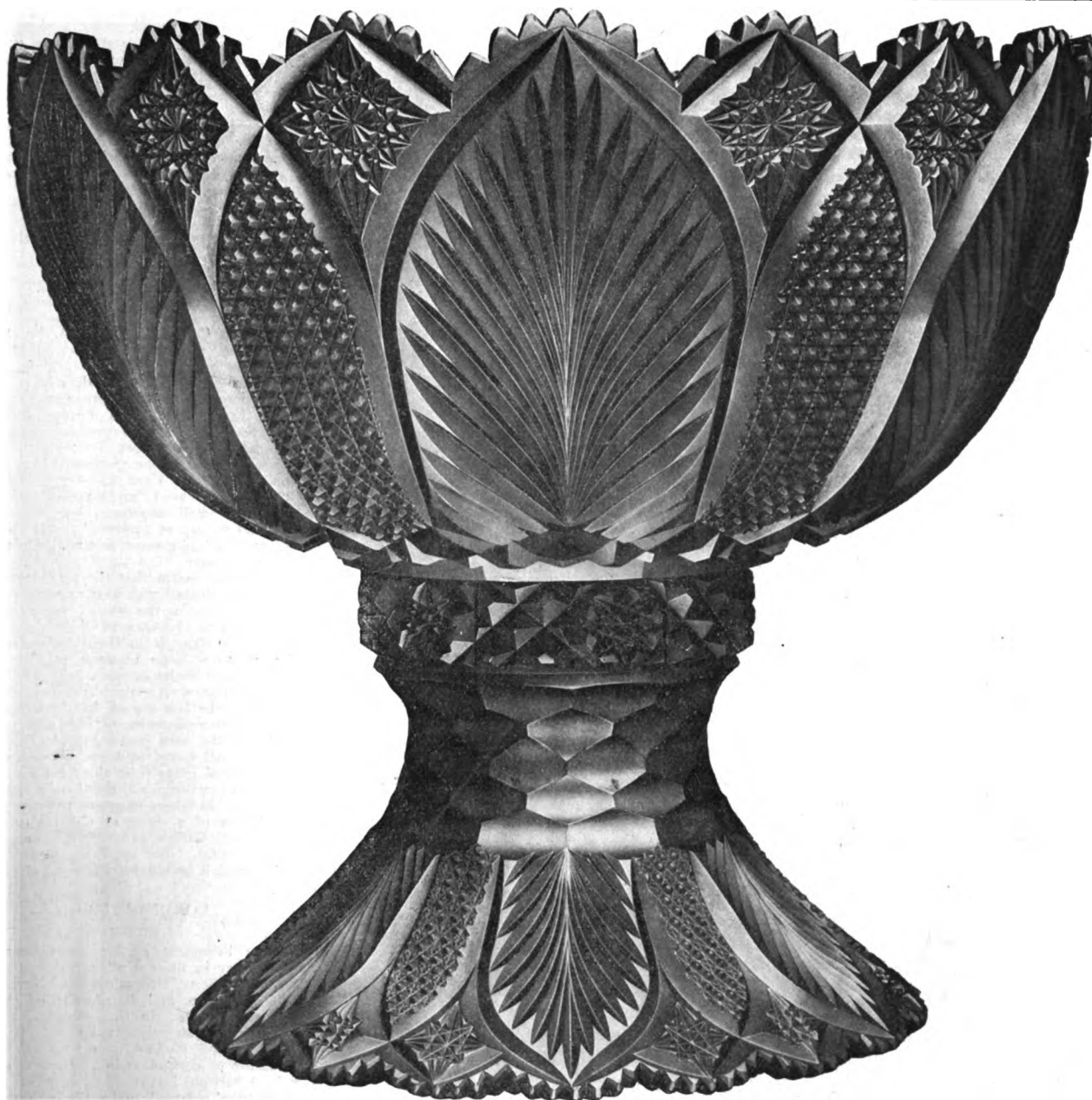
All Flatware bearing the above Trade-Mark, known as the "WORLD BRAND," is guaranteed to be of the highest grade German Silver Base and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

**The American Silver Co.**

Factory: BRISTOL, CONNECTICUT.







PUNCH BOWL—"PALM" CUTTING.

**A**MONG our new and exclusive designs in Rich American Cut Glass is the new "Palm" cutting shown above, which is furnished in a great variety of shapes in Bowls, Dishes, Vases, etc. We also make many other exclusive patterns, as well as the more conventional designs. The addition of 15 Maiden Lane to our former large warerooms will allow us to show the desirable goods we produce in this line, as well as our unsurpassed assortment of Sterling Silver and fine Silver Plate.

## INTERNATIONAL SILVER CO.

Successor to

THE BARBOUR SILVER CO.  
THE HOLMES & EDWARDS SILVER CO.  
MERIDEN BRITANNIA CO.  
THE MERIDEN CUT GLASS CO.  
ROGERS & BROTHER.  
ROGERS, SMITH & CO.  
WILCOX SILVER PLATE CO.  
MIDDLETOWN PLATE CO.

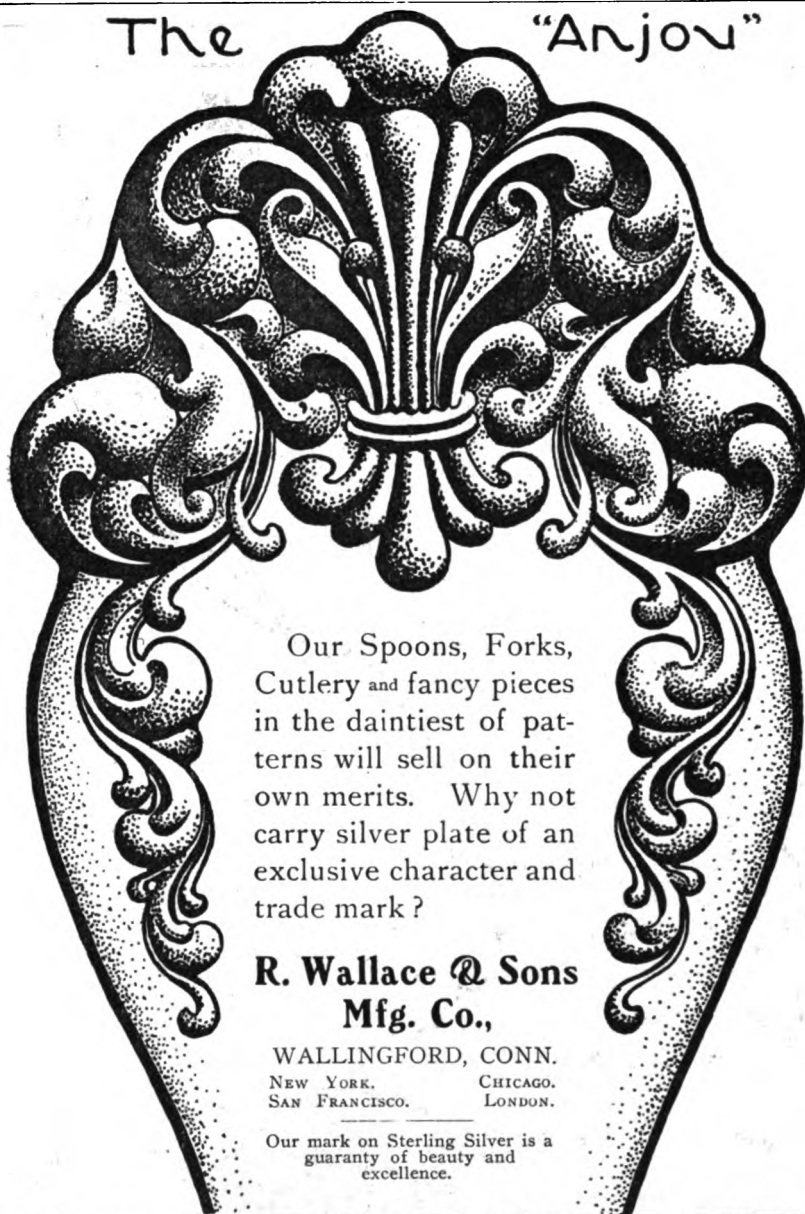
THE DERBY SILVER CO.  
THE MANHATTAN SILVER PLATE CO.  
THE MERIDEN SILVER PLATE CO.  
NORWICH CUTLERY CO.  
THE WM. ROGERS MFG. CO.  
THE ROGERS & HAMILTON CO.  
SIMPSON, HALL, MILLER & CO.  
THE WATROUS MFG. CO.

**Warerooms: 9, 11, 13 and 15 Maiden Lane, New York.**

GENERAL OFFICE, MERIDEN, CONN.



## The "Anjou"



Our Spoons, Forks,  
Cutlery and fancy pieces  
in the daintiest of pat-  
terns will sell on their  
own merits. Why not  
carry silver plate of an  
exclusive character and  
trade mark?

**R. Wallace & Sons  
Mfg. Co.,**

WALLINGFORD, CONN.  
NEW YORK. CHICAGO.  
SAN FRANCISCO. LONDON.

Our mark on Sterling Silver is a  
guaranty of beauty and  
excellence.

**1835 R. WALLACE**

*See the two centre pages in this issue  
of the Jewelers' Circular-Weekly.*

**THE JEWELRY REPAIRER'S HANDBOOK**

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co.,

11 John Street, New York.

The market value of the year's output is the largest in the history of the company's working, owing to the fact before noted, that the price per karat has been higher than in any previous year. With the opening of the Bulfontein and other mines now controlled by this company, and the improved machinery and appliances constantly introduced, the yield of diamonds would seem certain to be further enlarged. It becomes a curious question whether the price can still continue to advance, and the demand for an article of such pure luxury keep pace with the supply. It has been so thus far and, of course, the company can at any time limit the output, in the event of either actual or anticipated fall in the price. But with the present mineral prosperity this seems very far in the future.

**GUIANA.**

The diamond mines on the Upper Mazaruni River, in British Guiana, were described at some length in the last report of the survey. The United States Consul at Demerara, Mr. George H. Moulton, has again given an account of these workings, under date of Jan. 28, 1902. He states that the prospects are favorable and the local excitement great, only the expense and difficulty of reaching the district with proper facilities for working has prevented a rush of explorers. Up to the date of his report the total diamonds exported was valued at the Custom House at \$50,000. Parties from New York had located claims and kept the men at work, and in six weeks they obtained 8,227 small diamonds, weighing about 767 karats, and valued at \$9,600. This is about \$12.50 per karat, much the same as the London valuation reported last year.

Mr. Moulton states that there are now a dozen companies organized and new expeditions are constantly engaging in the work. Although no data are given as to the area of the diamond bearing ground, it is clear from these facts that the prediction as to a large increase in the recognized extent of these deposits made by the Government explorers, Messrs. Harrison and Perkins, and referred to in the last report, has been already verified. The great obstacles to free and rapid development are the long journey from Bartica to the mines in small boats, and the necessity of carrying for several miles from the final landing to the workings, everything on the heads of native laborers. Mr. Moulton suggests the advantage and profitableness of a steam or electric railway along the Mazaruni Valley, as offering a favorable opening for capital. The project has already been broached and it would be warmly welcomed in the Colony.

**CORUNDUM GEMS.**

**SAPPHIRE.**

A very important publication appeared during the past year in the extended paper of Dr. Joseph Hyde Pratt, State Mineralogist of North Carolina, on the occurrence and distribution of corundum in the United States. In this pamphlet are brought together and systematically treated all the recent discoveries and studies upon the origin and the distribution of corundum in all its forms and at all North American localities. Many of these have already been referred to by the writer in reports of this Bureau.

For the last 20 years the fact has been gradually coming into recognition that corundum, formerly regarded as rare, is in reality much less so than was supposed, and that it has been developed in many kinds of rocks and under highly varied conditions. Dr. Pratt discusses the three varieties, as determined by their uses—gem material, corundum proper, and emery—and treats of the localities of each kind in full.

The gem varieties exemplify well some of the



**DEITSCH BROS.,**  
**MAKERS OF FINE LEATHER GOODS,**

ALSO

**IVORY, EBONY AND SHELL,**

**14 East 17th Street,**

**NEW YORK.**



# JUST OUT

FOUR NEW  
CATALOGS

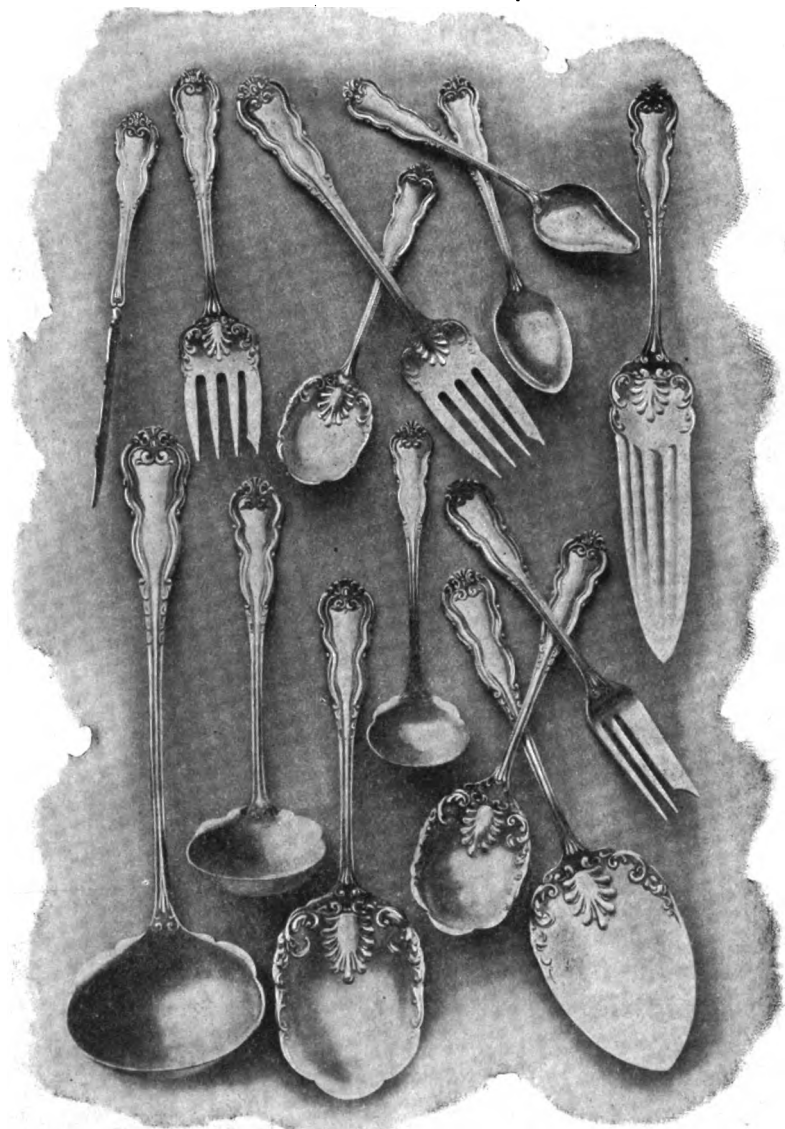
SENT  
EXPRESS  
PAID.

## No. 113. LaFayette Pattern.

Tea Spoons.  
Dessert Spoons.  
Table Spoons.  
Dessert Forks.  
Medium Forks.  
A. D. Coffee Spoons, Silver Bowl.  
A. D. Coffee Spoons, Gold Bowl.  
Five O'clock Tea Spoons.  
Orange Spoons, Silver Bowl.  
Orange Spoons, Gold Bowl.  
Sugar Shells, Silver Bowl.  
Sugar Shells, Gold Bowl.  
Butter Knives.  
Pie Forks.  
Salad Forks, Silver Tines, boxed.  
Salad Forks, Gold Tines, boxed.  
Jelly Spoons, Silver Bowl, boxed.  
Jelly Spoons, Gold Bowl, boxed.  
Cold Meat Forks, Silver Tines, boxed.  
Cold Meat Forks, Gold Tines, boxed.  
Pie Knives, Silver Blade, boxed.  
Pie Knives, Gold Blade, boxed.  
Berry Spoons, Silver Bowl, boxed.  
Berry Spoons, Gold Bowl, boxed.  
Cake Lifters, Silver Blade, boxed.  
Cake Lifters, Gold Blade, boxed.  
Cream Ladles, Silver Bowl, boxed.  
Cream Ladles, Gold Bowl, boxed.  
Medium Ladles, Silver Bowl, boxed.  
Gravy Ladles, Silver Bowl, boxed.  
Guaranteed full standard A1 Silver Plate on 21 per cent. Nickel Silver Base; Hand Burnished.  
Boxes are imitation white seal, padded cover, silk lined.

## Triple Plate.

Tea Spoons.  
Dessert Spoons.  
Table Spoons.  
Dessert Forks.  
Medium Forks.  
Guaranteed full Standard Triple Silver Plate on 21 per cent. Nickel Silver Base; Hand Burnished.



*(The above shows a page from our new illustrated Price-List of Flatware.)*

We will be pleased to send express prepaid our four new catalogs, illustrating our full line of entirely New Goods, comprising Hollowware Catalog, 175 pages; Flatware Price-List, 48 pages; Novelty Catalog, 100 pages, and Nut Pick and Crack Catalog, 16 pages.

We have 26 traveling representatives covering the entire United States and Canada, and would be pleased to have one call on you with a full line of samples.

# M. S. BENEDICT MFG. CO.

## FACTORIES:

Hollowware and Flatware,  
EAST SYRACUSE, N. Y.  
Novelties, Clocks, Etc.,  
OTTAWA, ILL.

ESTABLISHED 1883.  
INCORPORATED, 1902.

INCLUDING  
M. S. BENEDICT MFG. CO.  
HAMILTON MFG. CO.  
BENEDICT-CLARKE SILVER CO.  
BENEDICT-DUNN CO.

## SALESROOMS:

Chicago Office and Warehouse,  
109 AND 111 WABASH AVE.  
New York Office,  
409 BROADWAY.  
Toronto Office, 70 BAY ST.

COMPLETE STOCK CARRIED AND GOODS SHIPPED FROM CHICAGO.



After all  
is said  
and done,

# The Royal

is the  
"bestest" one.

None of them,  
the cheap or  
dear,

touch this  
matchless  
"20-year."

Philadelphia  
Watch Case Co.,  
RIVERSIDE, N. J.

differences in the character of the containing rocks just now alluded to. The Montana sapphires, in two of the chief localities, the bars of the Missouri, and the more recent mines at Yogo Gulch, have been traced to their source in igneous dikes at the former locality in 1900; in the latter the rock is termed by Dr. Pratt "a basic minette," an intimate mixture of brotite and pyroxene; in the former it is a mica-augite andesite, apparently altered from an augite-mica syenite. The true rubies of Cowee Valley, Macon Co., N. C., have not been fully traced to their parent rock, but the indications are that this is probably an amphibolite or eclogite. The rock underlying the gravels in which they occur is both greatly decomposed and greatly disturbed, but these types of rocks are found in and beneath the decomposed portion, and outcrops of similar material occur in the vicinity which contain corundum, though not the ruby crystals.

The first third of the bulletin discusses the very varied modes of occurrence of corundum in general; the middle third describes the distribution, by important localities, of (1) gems, (2) corundum, and (3) emery; the concluding portion deals with methods of mining, uses, processes of manufacture, etc., and contains an almost complete list of American localities. The paper is illustrated with numerous views and plates. It forms a most complete and valuable monograph on a subject of both practical and scientific importance, and it is remarkable that this, as well as the classic paper on corundum by the late Prof. F. A. Gerth, were both published by members of the staff of the North Carolina Geological Survey. It is not mentioned, however, that the supposed first home of corundum in the United States in reality is Anderson, Laurens Co., South Carolina, where it was noted by John Dickson, in 1819.

(To be continued.)

## New York Jewelers Receive Many Orders Accompanied by Worthless Checks.

What appears to be another large swindling scheme has been brought to light through orders received by New York jewelers from a man calling himself I. T. Scott, whose last known residence was Girard, Ia. Scott sent many orders for goods ranging in amounts from one to several hundred dollars, sending a check for two-thirds or three-quarters of the amount and saying that he would pay the balance on their receipt. He ordered goods not only from

New York concerns, but presumably from firms in other large cities in the country.

The checks he sent for the goods were drawn on different banks throughout the country and on being presented to these banks were not honored, as Scott did not have a deposit in any of them.

A specific charge against Scott is that made by Leon Hirsch, 37 Maiden Lane, New York, who received an order for \$100 worth of watches a week ago. With the order was received a check for \$80, drawn on the First National Bank of Niles, O., signed by Scott. Mr. Hirsch telegraphed this bank and found that Scott had no deposit there. He also learned from the bank's officers that I. T. Scott had drawn several checks on their bank and on the City National Bank of the same place, payable to the order of different jewelers throughout the country. The bank officers also stated that they had received an inquiry from the Lincoln National Bank of Pittsburgh, Pa., asking if they had an account with Scott, as a check had been sent to them, payable through the First National Bank of Niles, O. This information came in time to prevent Mr. Hirsch from losing any of the goods he had shipped, as he immediately wired the express company to hold them to await his order.

The police are looking for Scott and all jewelers are cautioned against him or any one using his methods. It is not believed that Scott is acting independently, but that he is one of a number of men who have been operating recently in the middle west.

In an interview recently Dr. D. Mayer, United States Consul at Buenos Ayres, Argentine Republic, who has been visiting Philadelphia, stated that there was a large and profitable market for all kinds of American watches and jewelry in Argentina at the present time.

**W. Green & Co.**  
SUCCESSIONS TO GREEN BROS.

IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.

MANUFACTURERS OF THE CELEBRATED



IMPERIAL  
AMERICAN MAIN SPRINGS  
REGISTERED TRADE MARK

OPTICAL GOODS,  
WATCH CHAINS,  
WATCH GUARDS.

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

Our Cardinal Points:

- 1st—Accurate and Rapid Filling of Orders
- 2nd—Unlimited Stock.
- 3rd—Right Prices.
- 4th—Best Grade of Goods.

Increased business has compelled us to double our floor space. We are now better prepared than ever to fill orders accurately and rapidly.

**Our Newly-Refitted Salesrooms:**

**MAIL ORDERS A SPECIALTY.**

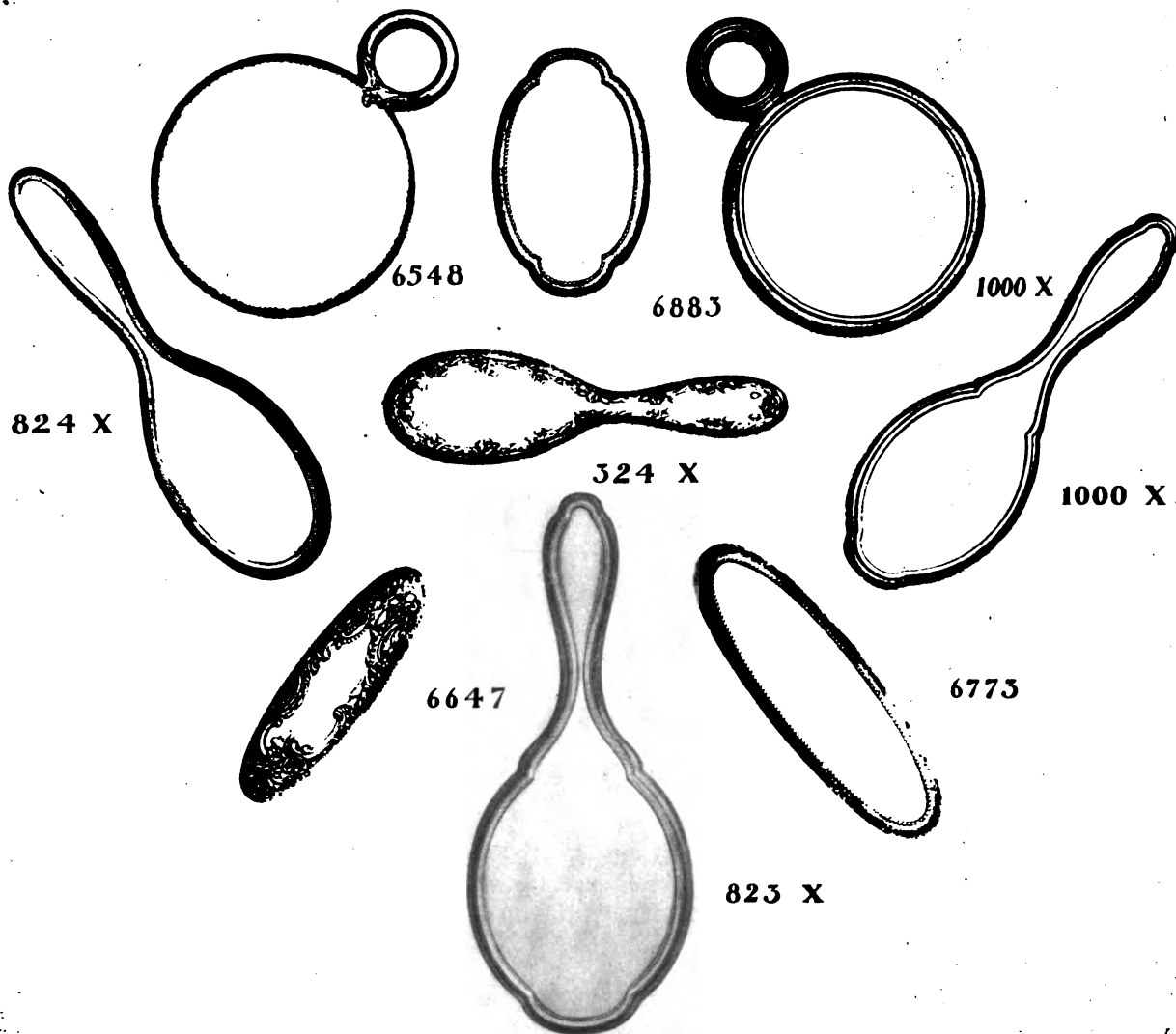
This year we propose to do everything in our power to cement closer relations with business friends of many years' standing, and to make it to the interest of those who are not now our customers to become such.



**Colonia Thread,**  
**Oval Thread,**  
**Oval Half Round Wire,**  
**Colonia Half Round Wire,**  
**Colonia Applied Bead,**  
**Oval Applied Bead,**

# Toilet Ware.

**Oval Stamped Bead,  
Oval Pearl Bead,  
The Louis,  
The Lorelei,  
Plain or Satin in  
Oval or Colonia.**



Nine complete lines of Toilet and Manicure Goods carried in stock. Also complete line of Hollow Ware and Spoon Work.      "      "      "      "      "      "      "      "      "      "

Everything made by a legitimate silversmith will be found in our stock. .. .. .



**Roger Williams Silver Company,**

**NEW FACTORY,**

**101 Sabin Street, PROVIDENCE, R. I.**

**Salesroom.**

860 Broadway,

**New York.**



### St. Louis Jeweler Has Disagreeable Experience with Customs Officers.

Some of the customs inspectors of the Port of New York were generally condemned last week for their treatment of Max Weiss, of the Weiss Jewelry Mfg. Co., of St. Louis, and his family, who arrived from Europe, Aug. 5, on the *Kaiser Wilhelm der Grosse*.

The Customs House officials had received information that caused them to examine Weiss's baggage carefully. It was even hinted that he had an amount of gems concealed among his effects. As none was declared the baggage of the whole Weiss party, which included Mr. Weiss, his mother, his wife, his sisters, his two daughters and his son, were subjected to a rigid examination. Pillow cases were ripped open, gloves and shoes searched and books examined leaf by leaf. Each of the party was searched individually, but the exhaustive examination failed to reveal any diamonds.

The brunt of the examination fell upon Miss Gisella Weiss. She was taken to a

stateroom on board the steamship and two of the women inspectors made a thorough search of her person. Her trunk was ransacked and every garment was carefully opened and nearly an hour was consumed before the specially detailed inspectors finished their work.

Mr. Weiss was extremely angry and characterized the whole proceedings as a shameful outrage. He thought the person responsible for his trouble was the American Consul at Budapest, to whom he had refused to pay \$4 for a Consul's certificate when he, Mr. Weiss, sent about \$9,000 worth of jewelry to America some weeks ago through the American Express Co.

Because of his refusal to pay, Mr. Weiss believes that the Consul sent word to the New York officials to search his baggage when he arrived from Europe.

### New Diamond Discoveries Reported in California.

SAN FRANCISCO, Cal., Aug. 7.—It is reported in this city that diamonds have just been discovered along Nelson Creek, in the

northern part of Plumas county, and many prospectors have gone to the scene.

A man who came out from the country showed stones that closely resembled diamonds. He was a gold hunter who had quit his claim to search for diamonds.

Diamonds have been found in this State for many years, though none have been discovered recently.

### Death of George E. Cook.

CLARKSVILLE, Tenn., Aug. 6.—Geo. E. Cook, for many years a jeweler of this place, died suddenly Monday of apoplexy, after an illness of only a few hours.

The deceased had been in the jewelry trade over 40 years and was well known, both as a merchant and a citizen. For about 30 years he was associated in business with his brother, Chas. L. Cook, under whose name the business is conducted.

He leaves a widow and five grown children.

It is reported that ground has been broken for a new clock factory which will be erected in St. Albans, Vt.

# values.

In all the **A.W.C.CO.** stock there is no such thing as an expensive watch case—every one is cheap, no matter what the price paid for it.

Worthy of the maker's name; .. ..

Worthy of the retailer's confidence; .. ..

Worthy of the purchaser's conscious pride.

It pays to buy **A.W.C.CO.** cases. .. ..



## American Watch Case Co.,

9-11-13 MAIDEN LANE, NEW YORK.



Entirely new and exclusive creations are to be found in this season's Gruen line of cases. Several styles radically different—beyond the semblance of similarity to other lines. Wait until our travelers can show them to you, or write the factory. . . .

## GRUEN-NAT'L WATCH CASE CO.

ORIGINATING MANUFACTURER.

Product Distributed by

**D. GRUEN, SONS & CO.,**

NEW YORK,  
182 Broadway.

CINCINNATI,  
55 Fountain Square.





# Centennial Timers.

Acknowledged by the trade generally to be the Best Timers made.

In Nickel, Open Face Case, Minute Register, with start, stop and fly-back attachment operating from stem.



Price \$4.50, less 6% for Cash.

Timers are one-third larger than cut.

## Cross & Beguelin,

Manufacturers,

17 Maiden Lane,  
New York.

AGENTS FOR THE

Omega, Hamilton,  
Waltham and Elgin  
MOVEMENTS.

AND ALL MAKES OF

American Cases.

### Death of Isidore Scooler.

NEW ORLEANS, La., Aug. 6.—There is general feeling of sorrow in the jewelry trade over the death, last week, of Isidore Scooler, of the jewelry house of M. Scooler, who passed away Sunday, at 12.10 A. M. Mr. Scooler died after a lingering ill-



THE LATE ISIDORE SCOOLEER.

ness, having suffered for three years from the effects of an accident.

When Mr. Scooler received the injury it was not thought to be dangerous, but it developed into a cancer that later grew so bad that he was operated upon. This gave no relief and amputation of his leg was necessary. His system, however, had been affected and though he was given the best of medical treatment the physicians were

unable to cure him and three months ago he took to his bed, there remaining until his death.

Mr. Scooler, who was familiarly known among his many friends in the jewelry trade as "Dory," was born in New Orleans 43 years ago, and was the son of M. Scooler, one of the best known jewelers of the south. The deceased was educated in this city and after leaving Soules's College, commenced his business career with his father. About 20 years ago he was admitted as a partner in the firm and by his energy and ability did much to contribute to the success of his house.

After the death of his father, a little over a year ago, Isidore Scooler, with his mother and I. Lowengardt, conducted the business under the old name. About 10 years ago Mr. Scooler married Miss Ruth Hirsch, and his widow and one child survive him. He is also survived by his mother, four sisters and one brother.

The deceased was universally popular, was noted for his many manly characteristics and his genial and charitable nature. He was a fine specimen of physical manhood and was fond of athletic sports, in which he was quite prominent.

He was a member of the Harmony Club, Louisiana Gun Club, the West End Rowing Club, the Southern Yacht Club, the Es-senic Knights, the Stonewall Guards and the Carnival Organizations. He was also a member of the Temple Sinai congregation.

The funeral services were largely attended and the interment was in the old Gentilly Cemetery.

The business will be continued by the surviving partners, Mr. Scooler's mother and brother-in-law, I. Lowengardt, without change in the firm name.

Milton E. Wilkinson, formerly of Grovetown, N. H., has opened a jewelry store at Ridgelyville, Me.

## There is a Big Demand

for Wadsworth Watch Cases, steadily increasing because of our strong advertising in such publications as Century Magazine, Munsey, Delineator, etc., Engineers Journal, Telegraphers Journal, etc. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in stock a full assortment in time to meet first calls. We will send a handsome

### Show Case Mat

to dealers who send us five Twenty-five Year Tags, or ten Twenty Year Tags. Save them and send them to us.

THE WADSWORTH WATCH CASE CO.

Dayton, Kentucky.



**ROY****ROY****Roy**

watch cases are favor-  
ably known by particular  
people all over the  
globe. . . . .

**ROY****ROY**

**Roy Watch Case Co.,**  
21 MAIDEN LANE, N. Y.

MAKERS OF WATCH CASES IN SOLID GOLD ONLY.

**ROY****ROY****ROY****ROY**

**COMMANDER**  
14 K  
GUARANTEED  
25 YEARS

**ELGIN PRIDE**  
ONE QUARTER 14 KARAT GOLD  
MADE LIKE SOLID GOLD CASES  
PERPETUAL GUARANTEE

**GIANT**  
14 K  
GUARANTEED  
20 YEARS

## From Father to Son.

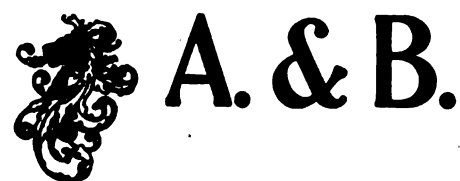
The ELGIN PRIDE,  $\frac{1}{4}$  Gold, 14  
Karat Case, will be handed  
down to posterity by this gen-  
eration. Its intrinsic value a  
minute consideration. .. ..

UNIQUE DESIGNS.

PERPETUAL GUARANTEE.

**Illinois Watch Case Co., Elgin.**





# HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

## AVERY & BROWN,

68 Nassau St., New York.

### Death of Samuel A. Galpin.

NEW HAVEN, Conn., Aug. 6.—Word has been received here that Samuel A. Galpin, president and treasurer of the New Haven Clock Co., who was also director and trustee in several other important business houses and a leading member of the New Haven Chamber of Commerce, died at 9 A. M., yesterday morning, in a private hospital in London. Mr. Galpin was taken to the hospital three days before his death, suffering from typhoid fever, with which he was attacked while traveling through England.

Mr. Galpin was born in Wethersfield, Conn., 56 years ago. He entered Yale and was graduated from that institution in 1880 and the same year the University bestowed upon him the degree of Master of Arts. He was an able scholar and was one of the leading students in his class. He studied law at Columbia College and afterwards became attached to the Interior Department in Washington under Carl Schurz. He left Washington to become a partner of E. S. Wheeler, the firm being E. S. Wheeler & Co., and later was one of the heads of the New Haven Wire Co. during its reorganization. He then became president and treasurer of the New Haven Clock Co. and was a director of that company and of the First National Bank and a trustee of the New Haven Trust Co.

Mr. Galpin was a man of unusual fascination of character and of great executive ability. He was held in highest esteem by the business community in which he lived.

His wife passed away some years ago and a daughter was drowned under most dis-

treasing circumstances not long before her mother's death. The deceased leaves two sons, Henry L. and Perry Galpin.

Mr. Galpin left New Haven early in July for a stay of several months abroad. He sailed from New York for Europe, July 5, on the *Celtic*, with his son, Henry L. Galpin. When he was attacked with the fever in London the best medical assistance of the city was called to his aid, and he was removed immediately to a private hospital.

Secretary Walter Camp, of the New Haven Clock Co., received word Monday indicating that Mr. Galpin's chances for recovery were good and that no complications had been noticed.

### Louis Kotler Files a Petition in Bankruptcy.

Louis Kotler, of 36 E. 7th St., New York, who, until May, was in business as a retail jeweler, Wednesday filed a voluntary petition in bankruptcy in the United States District Court, New York. His schedules show liabilities of \$6,498 and nominal assets of \$8,142.

The assets consist of debts due and open accounts, \$4,887; amounts due from other persons, \$1,367; notes, \$318, and a debt due by Nathan Feingold, \$1,558.

Among Kotler's creditors are Chas. Alt-schul, \$800; J. Macher, \$1,100; Louis Goldstein, \$450; Shapiro & Hirsch, \$739; B. Goldstein, \$235; Samuel Brodezký, \$366; R. Silvermintz, \$350; Jacques Kahn, \$175; S. Denier, \$362; Arthur J. Kahn, \$1,200. These creditors are all unsecured.

## A Clever Fiddler

Can imitate the lowing of a cow, but he can't draw milk from the fiddle. The imitation is perfect, until you come to the milking.

But it's *the milk* you want.

There are clever imitations of

## The Crown Filled Case

but the *real worth* of this Case is a quality of milk that never comes to the pail of the imitator.

And there's a *cream* on the milk called Beauty.

PHILADELPHIA WATCH CASE CO.,  
Riverside, N. J.



# Extract from an Editorial in the *N. Y. Journal* of July 19, 1902:

## **STEALING BY SUBSTITUTION.**

### *The public should resent this form of dishonesty.*

The practice of substitution is growing among a numerous, although not reputable, class of merchants.

The process of substitution is a swindling process pure and simple, and every purchaser should remember that fact.

The merchant who palms off inferior goods, calling them "just as good," is guilty of double dishonesty. In the first place, he swindles the manufacturer whose energy helps build up the retailer's business.

In the second place—and this is the more serious offense—the man who substitutes swindles the public.

\* \* \*

It is the duty of the public to protect itself against this form of swindling.

You should bear in mind two facts in regard to the substitutor.

First, he considers you more or less of a fool—otherwise he would not tell you that you don't know what you want.

Second, he means to make a little more money out of you by imposing on your credulity.

When you find a man engaged in substitution you may be sure that he is a man not very particular as to his ways of getting money. And you may be sure that you will be dealt with more honestly elsewhere.

If the public will consider and talk over these facts earnestly, substitution will soon cease to be profitable, and therefore it will cease to exist.

---

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The public is being educated by the newspaper, press, the whole country over, to the evils of substitution. The time has come when the injudicious merchant cannot offer "just as good" without risking the confidence and respect of his community--the time when the *Jas. Boss Filled Case* "comes into its own"!

---

---

*The* **KEYSTONE WATCH CASE CO.,**  
19th and Brown Sts., Philadelphia.



## TROPNY AND OUTING WATCHES,

Worn from the belt in the same way  
that Chatelaine Bags are worn.  
Send a trial order.

### New England Watch Co.

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

ACTUAL SIZE



SEND FOR  
SPECIAL  
BOOKLET

SHOWING  
OUR NINE  
STYLES.



### Creditors File Bankruptcy Petition Against Chas. Altschul.

A petition in involuntary bankruptcy was filed in the United States District Court, New York, Friday, against Charles Altschul, a wholesale dealer in jewelry, 41 Maiden Lane, New York, by three creditors, B. H. Davis & Co. for \$1,539, Julius Wodiska, \$69, and Kantor & Sheff, \$207. In the petition it is claimed Altschul is insolvent and that on Aug. 1 he conveyed a large part of his property, consisting of merchandise and accounts, that he removed or permitted to be removed, property worth \$5,000, and admitted in writing his inability to pay his debts.

It became generally known, Thursday, on Maiden Lane, that Altschul was financially embarrassed and his creditors were called to meet at the office of his attorney, Chas. S. Sinsheimer, 61 Park Row, Thursday, at 4 p. m. Of the principal creditors about 20 attended the meeting. Sinsheimer informed the creditors that Mr. Altschul was unable to continue in business, and his liabilities, he said, amounted to about \$30,574, while his nominal assets were \$31,462. Of this amount only about \$19,000 was actual value and consisted of \$15,000 in stock and \$4,000 in open accounts. The nominal value, he said, was the book value, figured by Altschul as follows: Stock and fixtures, \$18,629; outstanding open accounts, \$9,915; notes on hand, \$2,700; cash in the bank, \$17; card jewelry and other stock about \$200.

One of the creditors is the Market & Fulton Bank for \$1,200, which is secured by paper the face value of which was \$2,200, the cash value \$1,000. Among the debtors was a firm who owe Altschul about \$6,000. Mr. Altschul said that a very small part of this amount was good. Another one of the debtors was Louis Kotlar, who had failed last week. Kotlar's indebtedness was about \$500 or \$600.

August Oppenheimer, of Oppenheimer

Bros. & Veith, was elected chairman of the meeting and the problem of what should be done put to the creditors to solve. Mr. Altschul was given a brief examination, in which he admitted that he had been embarrassed since July 1, and that since that time he had been doing a losing business, as he had been compelled to sell goods at cost or below cost, in order to meet notes and obligations falling due. He said that his reason for continuing the business after he practically knew that he was insolvent was that he thought he could tide himself over and with the assistance of his wife, who held an equity of \$5,000 or \$6,000 on property, he might be able to get on his feet again. This, however, he had recently found to be impossible and for that reason he had called a meeting of the creditors. He said he was willing to do all in his power to assist them in getting as much out of the estate as they possibly could.

The best offer he could make was 50 per cent. in secured notes in five payments of 10 per cent. each, running from six to 18 months, without interest. After an animated and thorough discussion, on the motion of Jacob Strauss an investigating committee was appointed to determine the actual value of the assets and report at a future meeting. The committee consists of C. G. Malliet, of Malliet & Maxwell; Louis Friedlander, of R. L. & M. Friedlander, and Jacob Strauss, of Jacob Strauss & Sons.

The committee spent Friday in looking over Altschul's stock and in going through his books. Before they could report, however, the petition in bankruptcy was filed.

Mr. Altschul has been in business since 1895, as a dealer in diamonds and a commission broker. Previously, he was for 15 years in the employ of Oppenheimer Bros. & Veith as salesman.

M. Swedberg, Luverne, Minn., has rented the store vacated by R. M. Click.

## ESTABLISHED 1842 THE E. HOWARD CLOCK CO. MAKERS OF TOWER CLOCKS

WATCHMAN'S CLOCKS  
OFFICE CLOCKS  
BANK CLOCKS

LIBRARY CLOCKS  
SCHOOL CLOCKS  
ASTRONOMICAL CLOCKS  
RAILROAD CLOCKS

CHURCH CLOCKS  
HALL CLOCKS  
MARINE CLOCKS

1 CLOCKS OF SPECIAL DESIGN AND ALSO THE FAMOUS

"E. HOWARD & CO. WATCHES"

BOSTON OFFICE, 403 WASHINGTON STREET

FACTORY, 206 EUSTIS ST. (ROXBURY DIST., BOSTON) NEW YORK OFFICE, 41 MAIDEN LANE

Chicago Office, 103 State St. R. B. REDFERN, Manager.

## 28 out of 45 PRIZES

were awarded to

## PATEK, PHILIPPE & CO.

In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.



A Wise Man  
of Gotham  
says that a  
United States Movement  
is like  
a paper of needles,  
because  
it has so many  
fine Points.

UNITED STATES WATCH CO.  
OF WALTHAM, MASS.

This Fall we want

## 1,000 Retail Jewelers.

We are offering special inducements.

Extra well-made, hand finished **Finger Rings** at lower prices than  
and fine gold **Jewelry** ever known. ..

**We supply the entire Jewelry wants of the retail Jewelers.**

We have made a careful study of the subject,  
and we make only the best selling grade of goods.

**Not the high-priced goods—Not a piece of shoddy stock.**

Will you be "one of a thousand" to secure the benefits under our plan?

## ALL YOU NEED

in Gold Finger Rings and Jewelry; in Gold Filled Jewelry,  
**IN TOILET SETS, EBONY AND SILVER NOVELTIES.**

If you desire one of our salesmen to call, drop us a postal. If you visit New York City,  
we extend a cordial welcome.

**M. J. AVERBECK, Manufacturer, - -**

**NINETEEN MAIDEN LANE,  
NEW YORK.**



## Brooches and Brooches.



ALL KINDS OF  
**BROOCHES.**

ALSO

**Links, Scarfs  
and Locketts.**

If you are short in these items  
SEND FOR SELECTION.

*Leys Christie & Co.*  
MANUFACTURERS



Trade Mark.

**65 NASSAU ST.,  
NEW YORK.**

### Many Pittsburgh Jewelers Menaced by Thieves and One Store Robbed.

PITTSBURGH, Pa., Aug. 8.—Three attempts and one successful robbery is the record of thieves among jewelry houses in this city during this week. The police are working on the cases, but as yet no one has been apprehended. They look upon the attempts as being the work of boys and attribute it to mischievousness, but had they been successful these boys would likely have carried off all the goods they could have obtained.

Tuesday two men entered the store of J. A. Brasley, 1329 Penn Ave., and stole therefrom over \$400 worth of goods in broad daylight, according to a report furnished the police. One of the men occupied the attention of the proprietor while the other appropriated and made off with three trays of rings and seven watch cases. The trays contained 215 rings.

The store is very narrow and the police are investigating to learn how the thief succeeded in making his way through the front entrance with three trays of jewelry under his arm without being detected while the proprietor of the store was standing in the doorway at the time.

During the night before last three windows in as many different stores of jewelers were cut, but the would-be thieves were evidently frightened away before their work was completed.

At the store of J. Diamond, at 132 6th St., there were about \$1,000 worth of goods displayed in the window. The next morning the proprietor discovered traces upon his window where the thieves had used either a

diamond or a glass cutter in their attempts to enter. The plate glass had been cut half way through in four places, which bounded a square about six inches each way. The thieves were evidently frightened away before completing their work.

Another report received by the police was that the store of J. W. Best, at 107 6th St., had been used in the same manner, but here, too, the thieves were unsuccessful and got no plunder, but left the marks of their glass cutter on the window.

The store of the Spangler Optical Co. at 638 Penn Ave., in the same vicinity, was also marked by the thieves, but here they had rubbed chalk over the incisions in the glass with the evident intention of returning and completing their work later.

Detectives have been detailed on the case.

### Proceedings of the Jewelers' League.

The regular monthly meeting of the executive committee of the Jewelers' League was held at the League office, Friday. There were present Vice-President Fessenden, Mr. Bliss and Secretary Stevens. The reading of the minutes of the previous regular and special meetings was dispensed with.

At the special meeting held July 22, there were three applicants admitted to membership, one member from New York, one member from Newark, N. J., and one member from Providence, R. I. At the regular meeting, Friday, there were three members admitted to membership, two members from Brooklyn, N. Y., and one member from Philadelphia, Pa.

The next regular meeting will be held Sept. 5, 1902.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

**ALFRED H. SMITH & CO.,**

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**Providence.**

After a two-weeks' shut-down, the factory of the Thurston Mfg. Co. has resumed operations.

William J. Pearson recently returned from a trip to New York and Philadelphia in the interests of the firm of Heinberger & Lind.

George Darling's *Mblem* showed her heels to the other boats in her class on the occasion of the race between cat boats off the clubhouse of the Rhode Island Yacht Club, Saturday.

The shortage in the coal supply has been a source of worry to some of the manufacturers. So far as is known, however, they have not resorted to buying up wood to be converted into charcoal.

During the month of August the tool department of the factory of the Ostby & Barton Co. will be closed Saturday afternoons. Arthur Ostby, superintendent of the factory, is at present touring among the Thousand Islands.

E. B. Hamlin had a narrow escape from serious injury a few days ago. Mr. Hamlin was standing near his desk at the office of the J. Briggs & Sons' Co. talking with a member of the firm, when suddenly a stone crashed through the window. Fortunately, the missile did not hit Mr. Hamlin, but splinters of glass were thrown over him, though luckily he was not cut. It is thought that boys were guilty of the offence. No arrests were made.

Mr. Field, of Grimm & Field, who decided, after the withdrawal of Mr. Grimm.

Our Mr. V. Hirsh has recently returned from Amsterdam and Paris, where he made extensive purchases of

**Diamonds**

ALSO

**Colored Goods**

which are now arriving and which will be shown to the trade

**at Right Prices**

by Mr. Hyman, Mr. A. I. Mayer, and Mr. Milton Newitter.

**HIRSH & HYMAN,**

IMPORTERS AND CUTTERS OF DIAMONDS,

40 MAIDEN LANE, NEW YORK.

**We Are Now**

showing an exceedingly large and well assorted stock in original lots, at prices to interest large buyers.

**ARNSTEIN BROS. & CO.***Importers and Cutters of***DIAMONDS**

NEW YORK.

65 Nassau St.

LONDON,

29 Ely Place.

AMSTERDAM,

12 Tulp Straat.



## PEARLS.

296 Westminster St., Providence, R. I.

Tel. No.,  
622 Cortt't.

50 Rue Cadet, Paris.

Lapidary Works: 92-98 William St., New York.

**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.



SUCCESSORS TO HENRY FERA.

ESTABLISHED 1871.

**FERA & KADISON,**

IMPORTERS AND CUTTERS OF

**DIAMONDS.**

DIAMOND JEWELRY, PRECIOUS STONES AND PEARLS.

Cutting Works: 132 1/2 Atlantic Ave., Brooklyn.

European House: 21, 23, 25 Loojaregracht, Amsterdam, Holland.

65 NASSAU STREET,

NEW YORK.

to carry on the enameling business alone, has concluded to discontinue the business.

John Bailey, the young man who committed suicide by hanging while in a cell in the Central Police Station last week, was an employe of the Gorham Mfg. Co. His relatives say that for some little time past he had not been in good spirits, and they think that he was temporarily deranged mentally when he committed the act.

Harry Honey, who was wanted in Boston to answer to a charge being implicated in the disappearance of something like \$500 worth of diamonds on August 10, 1901, from the shop of Benjamin B. Freeman, a jeweler at 495 Washington St., that city, was taken from this State by the Massachusetts officers last week.

A daring theft was perpetrated at the store of the Tilden-Thurber Co. early last week, and as the result of clever work on the part of the police a young man, who gave the name of William Whitten, and who is said to have the alias of Daniel Devlin, was bound over to the Grand Jury, suspected of having known something of the case. It is stated that the young man went into the store, and going up to the second floor, asked to have some of the bronzes there shown him. He carried a hand satchel capable of holding quite a number of small objects. The police say that Whitten, when the clerk's attention was otherwise engaged, slid a number of the bronze ornaments, valued at \$148, into the satchel. Late that same afternoon Lieut. Hartnett and Officer Feeley saw a man trying to dispose of bronze ornaments at a low figure on South Main St. The suspicions of the officers were aroused, and one of them went to the patrol box to telephone. When this officer disappeared, Whitten suddenly made a break for liberty, leaving the bronze ornaments behind him. Both officers gave chase and caught the fugitive. He was taken to the station, and afterward the pieces were identified as the

**Oppenheimer Bros. & Veith,**

*Cutters and Importers of Diamonds,*

*Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULPSTRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NASSAU STS., BROOKLYN.



property of the Tilden-Thurber Co. The police say that Whitten also stole a watch case, valued at \$30, from Albert Walker, 152 Weybosset St. He was bound over on the charge of larceny.

Under the direction of a committee comprising R. A. Nock, chairman; W. L. Mason, D. H. Glover and J. MacKenzie, the members of Department P. P. of the Gorham Mfg. Co., held their 11th annual field day Saturday. Special cars conveyed the party to the Warwick Club, where the outing was held. A luncheon preceded the games. These consisted of bowling, the special prize for which was captured by R. Bain; C. Baird took the first prize and D. Glover the second. A. Ericksen and W. F. Kingman were the prizewinners in the shooting contest, while G. Shirley took first and J. Sorum second in the quoit throwing contest. J. Leckenby won the 100 yds. handicap, with C. Barret second. H. Barker won the hop, skip and jump, J. Straker being second. The other events and winners were: Three-legged race, C. Barret and H. Schoff; potato race, E. E. Codman; ball throwing, C. Barret 1st, J. T. Straker, 2d; married men's handicap, C. Shirley; E. E. Codman won a special 100 yds. handicap; consolation, 50 yds., won by A. Straker.

#### Attleboro.

The employees of the James E. Blake Co., to the number of 200, were given an outing at Crescent Park, on Narragansett Bay, Saturday, by their employers.

Col. Sidney O. Bigney, of S. O. Bigney & Co., was one of a distinguished committee in charge of the annual Knights of Korahsann outing last week at Nippinicket Park.

William Coates, of Brockville, Ont., was among the buyers who called on the Attleboro manufacturers last week.

The David E. Makepeace Co., incorporated a week ago, has added to its factory the quarters vacated by the Attleboro Mfg. Co., which moved into its new shop. This doubles the Makepeace floor space.

The frame and boarding of the immense

## EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

65 NASSAU STREET

(Prescott Building),

NEW YORK.

"The  
Pearl  
House."

## EISENMANN BROS.,

IMPORTERS OF

## FINE ORIENTAL PEARLS,

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 & 23 MAIDEN LANE, N. Y.

## STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

CUTTING WORKS:  
138-142 West 14th St., N. Y.

68 Nassau St.,

NEW YORK.

CHICAGO,  
149 State Street.

LONDON,  
29 Ely Place.

Importers of  
Precious  
and  
Imitation  
Stones

*K. Heller & Son*

Jewelers' Court  
51 MAIDEN LANE, NEW YORK.

Special  
PEARLS  
AND  
OPALS

A special feature of our business is filling special calls for Important and Rare Gems in Pearls, Diamonds and Colored Stones. We carry the largest Assortment of Loose Pearls in the trade and in addition a complete assortment of

## Pearl Necklaces, Collarettes, Ropes, Earrings and Studs.

Our Diamond stock is always kept up complete in all qualities and sizes.

**American Pearls and Baroques.**

Dealers ordering of us are put to no expense for insurance or expressage.

## JOSEPH FRANKEL'S SONS,

19-20 Holborn Viaduct, London.

TELEPHONE, 2733 JOHN.

68 Nassau Street, New York.



# WM S. HEDGES & CO.,

IMPORTERS OF

## Diamonds, other Precious Stones and Pearls.

DIAMOND JEWELRY.

**170 Broadway, BROADWAY-MAIDEN LANE BUILDING. New York.**

26 Holborn Viaduct, London.

# Diamonds, Pearls

AND FINE COLORED STONES.

## FRED. W. LEWIS & CO.,

IMPORTERS AND CUTTERS,

1 MAIDEN LANE,  
NEW YORK.

# John F. Saunders, Cutter and Importer of

## DIAMONDS AND OTHER PRECIOUS STONES

FINE PEARLS A SPECIALTY.

**68 Nassau St. cor. John St., Sheldon Building, Room 16 NEW YORK.**

CHARLES L. POWER.

ROBT. B. ALLAN

# CHARLES L. POWER & CO.,

CUTTERS AND IMPORTERS OF

## Diamonds, Rubies, Pearls, Emeralds, Sapphires,

**170 Broadway, BROADWAY-MAIDEN LANE BUILDING, 2 Maiden Lane,  
NEW YORK.**

# SMITH & NORTH,

IMPORTERS OF

## DIAMONDS.

DEALERS IN

AMERICAN WATCHES AND FINE JEWELRY.

14 MAIDEN LANE, NEW YORK.

# MALLIET & MAXWELL,

## Diamond Cutters,

**14 MAIDEN LANE, NEW YORK.**

LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.

H. M. Williams Co. factory building are well under way. It will be completed and ready for occupancy early in the Fall.

Five jewelry factories are having electric light and power installed.

The R. F. Simmons Co. took possession last week of the rear half of the quarters in its factory building, deserted by the Mossberg Wrench Co.

Postmaster J. A. Thayer announced that on Saturday increased carrier delivery service in the early morning went into effect in the manufacturers' district.

The Attleboro Mfg. Co.'s new shop, illustrated in THE CIRCULAR-WEEKLY last week, was started up this week with a full force of hands and equipment all comfortably located.

The first Monday in September will be observed in Attleboro as "Firemen's Day." The main event will be a display of the efficiency of the fire and water departments of the town by a series of difficult contests in the group of jewelry factories.

The W. H. Wilmarth Co. filed its annual corporation returns last week with the Secretary of the Commonwealth. The figures show: Machinery, \$48,000; cash and debts receivable, \$17,052; manufactures and merchandise, \$44,255; capital stock, \$60,000; debts, \$18,488; profit and loss, \$129.

Edward A. Sweeney, of the W. H. Wilmarth Co., Samuel M. Einstein, of the Attleboro Mfg. Co., John W. Luther, of J. W. Luther & Co., Herbert A. Clark, of the Horton, Angell Co., G. I. Simpson and Aaron Smith, formerly of the Howard, Mason Co., were, by deceased's request, the bearers last week at the funeral of George A. Adams, the leading lawyer in the Attleboros for many years.

The family of Charles H. Bushee, of A. Bushee & Co., is at Bethlehem, N. H., accompanied by the wife of Jean G. Theobald, with Frank M. Whiting & Co. R. Curtis Read, of J. C. Cummings & Co., and Harry E. Clap, of the Daggett & Clap Co., have returned from an automobile trip to Montreal. Major Everett S. Horton, formerly of the Horton, Angell Co., left last week for a tour of Newfoundland.

### North Attleboro.

The factory of Doran, Bagnall & Co. was closed last week.

J. F. Sturdy has been spending his vacation at Plymouth.

H. F. Barrows and wife have been enjoying a mountain trip.

Osmond Dunbar has entered the office of Corey, Holden & Barbour.

Frank P. Somes, of the New York office of Bugbee & Niles Co., is in town for a week.

The employees of T. I. Smith & Co. have organized a ball team, known as the Nonpareils.

Harry W. Fisher, New York representative for F. H. Cutler & Co., spent the week in town.

The gasoline touring car built last Winter by T. I. Smith & Co. is in Boston to be finished.

Elton B. Fisher, of E. I. Franklin & Co., has been spending a part of his time at Cottage City.

W. N. Fisher, F. M. Sturdy and W. H.



Bell have been enjoying themselves at Quonochontaug.

A. H. Bliss & Co. have just completed a gasoline touring car capable of making 42 miles an hour.

Thomas Johnson, maker of chain braid, has moved to enlarged quarters in the Whiting building.

Harold H. Totten has returned from Cottage City, and will start on the road soon for J. J. Sommer & Co.

Donald Le Stage, representative for H. D. Merritt & Co., is ill at Cottage City. Dr. E. E. Hale, of the O. M. Draper estate, is attending him.

D. Arthur Corey, of Corey, Holden & Barbour, received a bad wound on his hand while moving machinery last week from the Bates building in Attleboro to the Totten shop here.

The engine at the Whitney factory broke down on Wednesday, causing a shut-down until repairs could be made. Some of the concerns located there took advantage of the opportunity to close for the week.

### Plainville.

John L. Thompson, of Thompson & Remington, has been visiting Cottage City with his wife.

A. W. Burton, of the Plainville Stock Co., spends a portion of his time at Buttenwoods, R. I.

The Plainville shops were all closed the past week, owing to the need of repairs at the power plant.

Herbert Robinson, of the office of Robinson Bros., has been spending his vacation at York Beach, Me.

### Boston.

F. L. West, of 522 Tremont St., returns to-day from a vacation in Maine.

Joseph Strang, an expert tool maker, is on a four weeks' trip to California.

John E. Hill has removed from 106 Tremont St., to the Paddock building.

James Carr & Co., 190 Main St., Charlestown, contemplates retiring from business.

R. Marriner Floyd, of Central Sq., Cambridge, is summering at North Gilbert, Me.

B. V. Howe, 106 Tremont St., leaves to-day for a three months' vacation at Spring Lake, Me.

Extensive changes have just been completed in the store of Nelson H. Brown, 90 Franklin St.

J. A. Remick, 20 Tremont St., will retire from business when the Boston Museum building is destroyed, next Spring.

D. C. Percival's boat, *Sally VI.*, ran against the rocks at Misery Island, North Shore, in the races of Wednesday, but escaped serious injury.

E. E. Poole, 926 Tremont St., has entered his third year as official inspector of watches for the New York, New Haven & Hartford R. R.

George E. Ferris, watchmaker, 19 Taylor St., Waltham, has filed a petition in bankruptcy. According to the petition he owes \$340.58, with assets of \$98.

C. M. Adams, Jr., salesman for the E. Howard Clock Co., is passing his vacation at Windham, N. H., and Miss C. E.

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

## MOUNT & WOODHULL,

Formerly with late firm of RANDEL, BAREMORE & BILLINGS,

IMPORTERS OF

DIAMONDS, / / / / /

OTHER PRECIOUS STONES,

PEARLS, ETC. / / / / /

MAKERS OF

FINE  
DIAMOND  
JEWELRY.

26 Maiden Lane

(Southwest Corner Nassau Street).

NEW YORK.

EMERALDS,  
PEARLS AND DIAMONDS.

**MILTON P. BAGG & CO.,**  
RARE SPECIMENS OF  
DIAMONDS AND OTHER  
PRECIOUS STONES,  
21 & 23 MAIDEN LANE, NEW YORK.  
Tel. No. 6226 Cortlandt.  
Cable Address: MILBAGG.  
RUBIES AND SAPPHIRES.

## Pearl Necklaces and Collarettes.

Mounted  
Diamond  
Jewelry

of every  
description.

*Leading House*  
*Emil Knapp*  
*John W. Rucker*  
*Frank L. Wood*

Large  
assortment  
of all kinds of  
very fine, fancy  
and rare gems,  
including Pearls,  
Diamonds, Rubies,  
Emeralds and Sapphires.

18 JOHN ST. NEW YORK.

**Particularly Fancy  
Colored and Fancy  
Shaped Diamonds.**





**PHOTO.**  
EIGHT DAY TIME.  
Dial, 2 in.; height, 12 1/2 in. Porcelain Dial, Gilt Center, Arabic or Roman, Finished in Rich Gold.

**THE ANSONIA CLOCK CO.,**  
99 JOHN STREET, NEW YORK.

# CLOCKS

have always been one of the leading staples of a jeweler's stock. They are one line for which there is always a constant demand. No other article offers so much worth for so little money as a clock. For ornament, for utility, for a present, nothing else appeals so strongly to that large class of buyers who are neither rich nor poor.

*Push your clock department; it pays.*

The right kind of clocks bear this trade-mark.



The mark that's known the world over.

The illustration shows one of a new line of novelties. At the top is an oval space containing a painted porcelain picture (which may be removed and replaced by a photo if the purchaser so desires), surrounded by a wreath of flowers and surmounted by a figure of Cupid unveiling the picture. Every detail is carefully executed, the finish is in rich gold, and around the dial is a circle of brilliants. It is just the clock for a present.

Stiles, bookkeeper, is at Pigeon Cove, Cape Ann.

The E. Howard Clock Co. has lately completed a standard time clock for the United States Naval Observatory at Washington, D. C. This is the second clock made for the observatory by this company.

J. B. McCluskey, salesman for Nelson H. Brown, is enjoying his vacation along the North Shore. G. E. Morrill and G. W. Whittemore, with the same firm, have just returned from a fishing trip to Auburn, N. H.

A. Mendelsohn & Co., wholesale dealers in materials, tools, etc., on the eighth floor of the Jewelers' building, have taken more commodious quarters on the fourth floor of the building and will remove to the new offices Sept. 1.

William A. Jerrold, an old employe at the factory of the American Waltham Watch Co., died suddenly of heart failure, last week, while at work at his bench. He was 68 years old, lived on Adams St., and leaves a widow and a daughter.

The property at 16-18 Winter St., occupied by A. Stowell Co. (Inc.), has been transferred by John E. d'Aulby and wife to Alfred Hemenway. The Stowell lease has considerable time yet to run and it is understood that this firm has no idea of changing its location.

H. M. Pflager, Chicago, vice-president and general manager of the American Clock Co., was in Boston, Wednesday, calling on E. W. Byam, manager of the Boston office, 28 School St. Mr. Pflager took advantage of his presence in the Hub to call on several of his friends in the trade.

The co-partnership heretofore existing under the name of Daniel Pratt's Son, has been dissolved by the death of the senior partner, Daniel F. Pratt, and Frank W. B. Pratt will continue the business alone under the same firm name, at 53 Franklin St., and liquidate the affairs of the old firm.

Inspectors attached to Chief Watts's office arrested, Saturday, Louis A. Newman, 28 years old, of 4 Hancock St. He is charged with larceny by Ezra E. Rubin, a jeweler at 59 Washington St., who claims that on June 30 the prisoner stole diamond rings and a diamond stud, valued in all at \$439.45.

Inspector Gaddis, of Chief Watts's office, arrived here Wednesday afternoon with Harry Honey, who has just completed a sentence in a Rhode Island penitentiary. Honey is wanted here for the larceny of four diamond pins, valued at \$500, from Benjamin B. Freeman, a jeweler at 495 Washington St. The theft occurred on Aug. 10, 1901.

**ANY BOOK** pertaining to the Jewelry, Horological, Optical or Kindred Trades can be obtained through The Jewelers' Circular Publishing Co., 11 John St., New York. Send for catalogue. It is free.

# H. GATTLE,

MAKER OF

## HIGH GRADE DIAMOND JEWELRY.

IMPORTER OF

## DIAMONDS AND PRECIOUS STONES,

DESIGNS AND  
ESTIMATES FURNISHED.

65 Nassau St., Prescott Bldg., New York.

MEMORANDUM  
ORDERS SOLICITED.



### Philadelphia.

Josiah Wolf, 344 N. 2d St., was married last week to Miss Ida Sindman.

Harry Greenwald, of B. F. Williams & Co., is at Atlantic City on a pleasure trip.

Mrs. L. Kerper, buyer of Gimbel Bros.' jewelry department, returned from Europe last week.

J. J. Zimmern, with M. Sickles' Sons, left recently on a four-months' trip through the south and southwest.

Charles H. O'Bryon, a jobber, 735 Sansom St., spent part of the week fishing and yachting at Avalon, N. J.

Fred Barry, manager of Gimbel Bros.' watch department, has taken his family to Atlantic City for August.

H. Muhr's Sons, Inc., advertise the loss of a large diamond horseshoe brooch, containing six karats of diamonds.

John Smedley, manager of L. C. Reisner & Co.'s store, 111 S. 8th St., has taken a cottage at Cedar Grove, N. J., for the Summer.

Joseph T. Bailey and Charles W. Bailey, of the Bailey, Banks & Biddle Co., are spending the Summer at the Shelburne, Atlantic City.

Harry Gerlitz, watchmaker, has resigned his position with Isaac Weiss, 711 Sansom St., and accepted a place with Weir & Berthoud, 106 Levering St., Manayunk.

Charles Schwartz, 149 N. 8th St., is spending a vacation in the country. Charles Hambley, 158 N. 8th St., is summering at Atlantic City. F. Layre, 146 N. 8th St., is also at Atlantic City.

James Orr has given up his office with the Lovell Clock Co., and has closed out his retail business at 2057 Germantown Ave. for the purpose of concentrating his business at 11 So. 9th St., where he has leased a new store.

Detective Doran, of South Bethlehem, Pa., visited Camden, last week, to try to secure the arrest of Wm. McIntyre who is charged with robbing the South Bethlehem Supply Co. of jewelry. He discovered McIntyre watching a fire and arrested him.

The Equitable Jewelry Co., of Iowa City, has brought suit against several Wilmington people, who purchased their goods, but have since refused to pay, claiming them not to be as represented. One judgment has been rendered in favor of the plaintiff.

### Atlanta, Ga.

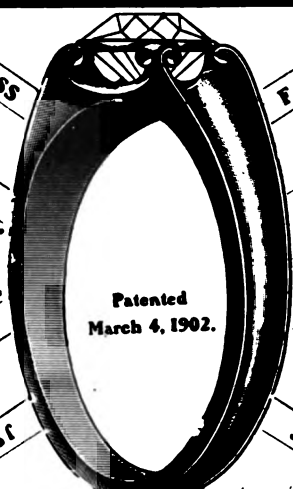
The wife of W. B. McDuffie is recovering from an attack of typhoid fever.

Geo. Horton has severed his connection with Silvers & Woods, and returned to rail-roading.

Julius R. Watts & Co. will put in an optical plant when they move into their new quarters at 28 Whitehall St.

John L. Moore, of John L. Moore & Sons, has returned from a visit to the home of his brother at Two Rivers, Wis.

Max Boas, Bridgeport, Conn., was perplexed last week owing to the loss of the key to his store. At first he believed it was the work of thieves, but many supposed the key was taken merely as a joke.



**POINTLESS** **FAULTLESS** **MOST DURABLE**

**MOST BRILLIANT** **MOST ARTISTIC** **SAFEST** **MOST POPULAR**

**SECURITY MOUNTING**

Patented  
March 4, 1902.

**SCHRADER-WITTSTEIN CO., Mfg. Jewelers,**  
**NEW YORK, SOLE MAKERS AND PATENTEES, CHICAGO,**  
 21-23 Maiden Lane. Est. 1863. 103 State Street.

**FULLY COVERED BY PATENTS. ILLUSTRATED PRICE LIST ON APPLICATION.**

## Worth Looking Into

### OUR RING PROPOSITION



We always endeavor to make Rings that are better than any other make in the market at the same price. That we are generally successful is evidenced in the growth of the Kaufman business which compelled us recently to move our factory where larger quarters were obtainable.

The fall line now ready and being shown by our travelers has taken on the mantle of expansion and progress. The influences surrounding its manufacture are impressed in the product—it's a prosperous looking line, to describe it conservatively.

Every jeweler who handles fine gold rings should at least look at it—just to know what's "doing." Can't learn too much these days, you know. Selection packages promptly sent, anywhere.

Ever write in for our Special Ring Proposition? If not, what's the matter with deciding to do it to-day? Clip the coupon.

## Louis Kaufman & Co

### RING MAKERS

New Factory & Offices Columbia and Green Sts

## NEWARK, N.J.

J. C. August  
Send us  
**AT ONCE**  
your special  
**RING PROPOSITION.** We want to  
know about it.  
NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_



**Death of Samuel Otis.**

PROVIDENCE, R. I., Aug. 11.—Members of the trade were shocked to-night to learn of the sudden death of Samuel Otis, of Harvey & Otis, jewelry manufacturers, 183 Eddy St.

Mr. Otis was stricken with illness when on a Buttonwoods car leaving this city, shortly after 5 o'clock this afternoon. He died before medical treatment could be rendered.

Although Mr. Otis's city residence was at 203 Adelaide Ave., he owned a cottage at River View and was bound thither when taken ill. Mr. Otis had not been in the best of health for the past year and although he had been at his place of business regularly, he was practically under the constant care of his physician.

The car on which he started homeward had proceeded but a short distance before Mr. Otis began to evince marked signs of distress. He was soon on the verge of collapse. The car was stopped in front of the office of Dr. J. T. Ward, on Broad St., and the physician summoned. It took the doctor but a moment to see that Mr. Otis was beyond medical aid, but he was removed to the physician's office and everything possible done for him before the end came.

Medical Examiner Perkins was called and decided that death was due to natural causes directly attributable to heart failure. Word was sent to members of Mr. Otis's family and they gathered at the home on Adelaide Ave.

Mr. Otis was well known among members of the trade and business men in general throughout the city. He was born in Rhode

Island and for the past 15 years had been associated with Henry W. Harvey under the firm name of Harvey & Otis. The firm does a large manufacturing business.

Mr. Otis was prominent in various secret societies, was a 32d degree Mason, a member of the Royal Arcanum, Knights of Pythias and Odd Fellows. He was also a member of the West Side Club, an organization which is one of the most prominent of its kind in the city.

Mr. Otis leaves a widow and three sons, William P., James O., and Fred A.

**C. Horne's Body Found After a Year.**

SAN FRANCISCO, Cal., Aug. 6.—The remains of C. Horne, a Honolulu, H. I., jeweler, who mysteriously disappeared from that place a year ago, were found recently in the Diamond Head Crater. They were identified by the clothes and belongings and the teeth fillings of the deceased.

At the time of his disappearance many searches were made for him without success. One of the soldiers at Camp McKinley reported the find to the police and the identification was easily accomplished. It is supposed that Mr. Horne committed suicide.

**Death of Lee Kohn.**

MISSOULA, Mont., Aug. 6.—Lee Kohn, of the Kohn Jewelry Co., this city, died suddenly at his home, here, on Sunday.

He was one of the most prominent and best known jewelers in the northwest and was a prominent member of the Odd Fellows and A. O. U. W. lodges. Funeral services were held to-day.

**Death of Nathan Lawrence.**

TAUNTON, Mass., Aug. 8.—The funeral of Nathan Lawrence, for half a century partner and superintendent in the great silver house of Reed & Barton, took place to-day. Rev. Thomas Edward Potterton, of the Universalist Church, in which Mr. Lawrence was deeply interested, officiated. From the factory employees and his associates and from hundreds of friends came beautiful flowers.

Mr. Lawrence was a native of Salem, Mass. At an early age he removed to Dorchester and learned the britannia worker's trade under Rosswell Gleason. He finished his apprenticeship and was in business for himself when Reed & Barton bought him out and made him superintendent of their works.

He took that position in 1847 and held it until advancing years compelled him to lay down active affairs six years ago. He had charge of the whole working force, 35 men, in 1847, and when he retired over 700 were on the pay-roll. Of the original 35 three are now living, J. W. Thayer, Edwin Reed and Edmund W. Porter.

Mr. Lawrence was married while in Dorchester to Miss Adeline Leach. Abbott F. Lawrence, treasurer of the Winthrop Mill; George D. Lawrence, traveling salesman for Reed & Barton, and now located for a time in Michigan, and Mrs. Edward B. Powers, of Taunton, were their children.

Mr. Lawrence lived in one of the most beautiful dwelling estates in the city. He was, during the more active years of his life, a prominent member of King David Lodge of Masons.

**Dental Student Charged with Swindling Many Philadelphia Jewelers.**

PHILADELPHIA, Pa., Aug. 9.—Charged with the embezzlement of diamonds and jewelry worth over \$2,000 from Sansom St. jewelers, Jacob Gartman, 20 years old, of 1806 S. 5th St., a student at the Pennsylvania College of Dentistry, was arraigned before Magistrate Devlin yesterday.

It was alleged that Gartman had been a sort of private diamond salesman for about eight months and had ingratiated himself into the brokers' good graces. Charles H. Dean, 715 Sansom St., testified that Gartman swindled him out of a set of diamond pendants valued at \$400. Isaac Dubrow, 632 South St., accused the prisoner of getting away with two gold watches and a heavy gold chain. On July 21 it was claimed Gartman visited eight jewelers and secured about \$2,000 worth of goods, all of which he pawned for nearly \$1,200 in cash.

The jewelers whom Gartman is said to have fleeced are Isaac Dubrow, Solomon Dubrow, Emil Haffe, Francis J. Lingg and Joseph Lingg, all of the Jewelers' Exchange, 127 S. 7th St.; Harry Smith, 711 Sansom St.; Samuel Deutch, 711 Sansom St., and Charles Dean, 715 Sansom St. In every instance Gartman represented that he intended selling the goods and in some cases left a small deposit for their return. Sometimes he did return the goods and the brokers believed him to be honest.

Gartman is alleged to have confessed and to have returned a number of pawn tickets, but none of the money he received from selling the goods has been recovered. He has been held in heavy bail for trial.

# Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

**HAYDEN W. WHEELER & Co.,**

**TWO MAIDEN LANE, N. Y.**

Telephone, 8 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



**Incorporation of the E. Howard Watch Co.**

Boston, Mass., Aug. 9.—The E. Howard Watch Co., which was organized at Portland, Me., within the last few days, will carry on the manufacture and sale of the E. Howard watches and watch materials, also the repairing of the Howard watches, all of which has until lately been done by the E. Howard Clock Co.

The principal office of the company will remain at 403 Washington St., Boston, and it is likely to have factories at Boston and Waltham.

The owners report that the Howard watch has attained such a reputation that if Howard high grade watches are put upon the market in large quantities a ready sale will be found for them with the best class of retail jewelers throughout the United States.

The capital stock of the new company is \$250,000 and the temporary directors are Charles M. Drummond, president and treasurer; Henry Endicott, Jr., and John C. Rice. The permanent officers will be announced later when the organization is fully completed.

**Jay W. Nickels Badly Burned by Explosion of Alcohol Lamp.**

SPRINGFIELD, Mass., Aug. 6.—Jay W. Nickels, a jeweler, of 441 W. State St., is suffering from serious injuries to his face and eye, the result of an explosion of an alcohol lamp in his store.

Mr. Nickels was alone at the time of the explosion and had just lighted the lamp to do some work. The flaming alcohol was driven over his face and he was almost knocked down by the concussion.

He extinguished the flames with a coat, but not before he was badly burned. The jeweler went to Dr. Plumb Brown, who dressed his wound and discovered that his left eye was badly affected.

Willard F. Morse, Danvers, Mass., has returned from a brief sojourn at his brother's Summer headquarters in Winona, N. H.

HENRY FREUND.

LOUIS FREUND.

LOUIS COHN.

# HENRY FREUND & BRO.

IMPORTERS OF  
**DIAMONDS** JEWELERS OF  
**WATCHES** MANUFACTURERS OF  
**JEWELRY**

Elk Goods a Specialty.

**9, 11 & 13 MAIDEN LANE,**

New York, Aug. 6, 1902.

Mr. John A. Wideawake,  
Hustlerville, N. Y.

Dear Sir:

We presume it is your intention to come on again to New York this Summer or Fall, and we hope you will make your office with us. We are sure that the friendly relations which were so pleasantly established on your last visit here will be strengthened, and it will certainly be our endeavor to have them continue to be of the most agreeable and cordial nature.

From the manner in which you reordered our goods, we feel satisfied that you found them "Good Sellers," and you will convince yourself on inspection of our Fall line that it contains even more articles, which you will find it of advantage to carry. Our stock of loose diamonds is larger, and as our Mr. Henry Freund recently returned from Amsterdam after making extensive purchases, you will find prices right. In watches we carry a complete stock, as you know;—and our claim of being THE JEWELRY HOUSE is pretty well established.

Trusting to have the pleasure of seeing you at an early date, we remain,

Very truly yours,

HENRY FREUND &amp; BRO.



## THE GENERAL SATISFACTION



which our goods are giving to all our many customers throughout the entire west and northwest is amply demonstrated by the increasing demand for G. W. goods.

To meet this growing trade we have greatly enlarged our whole line this fall, and we feel confident no house will show a LARGER, CLEANER or more POPULAR LINE than our salesmen will on the road this fall.

Our **ELKS' CHARMS** are all original designs, heavy tops and fine selected teeth, from \$3.00 to \$150.00 each.

**Diamond Jewelry,  
Cuff Links,  
Studs,**

**Rings,  
Brooches,  
Emblems,**

**Charms,  
Chatolaines,  
Bracelets,**

**Locketts,  
Lorgnettes,  
Diamond Mountings.**

**Fobs,  
Scarf Pins,**

The well-known and popular **G. W. 20-Year Filled Chains.**

Our **G. W. Leader Chains**, at \$10.50 per doz., are the finest finished and best wearing chains in the world for the price.

# GEO. WETTSTEIN, Cedar Rapids, Iowa.



# DOLLARS AND SENSE.

"Happy the man  
who is able to learn  
the causes of things."—*Virgil.*

When Louis of France deprecated certain expressions of praise, it was a courtier who replied: "Sire, when you cease to win victories, we will cease to utter praises."

CHAINS **R & D** CHAINS

When R. & D.  $\frac{1}{10}$ —14 kt. Chains and our regular R. & D. Chain brands cease to win victories, we will cease to praise them.

**RODENBERG & DUNN,**

185 EDDY STREET,  
PROVIDENCE, R. I.

9-13 MAIDEN LANE,  
NEW YORK.

## Manhattan Optical Co. and Gundlach Optical Co. Now One Corporation.

ROCHESTER, N. Y., Aug. 9.—The Manhattan Optical Co., of New York, and the Gundlach Optical Co., of this city, have just combined and hereafter will be known as the Gundlach-Manhattan Optical Co. The company is incorporated for 50 years and is capitalized at \$600,000. This is divided into 6,000 shares at \$100 each.

At a recent meeting of the directors of the new company the following officers were elected: President, Henry H. Turner; vice-president, John Zellweger; secretary, Chas. P. Schmid; treasurer, John C. Reich. The directors of the company for the first year are: H. H. Turner, John Zellweger, John C. Reich, Rudolph Schaefer and Stephen B. Ayres, New York.

The plant of the Manhattan Optical Co., formerly in New York, will shortly be removed to this city, where the combined companies will manufacture and sell all kinds of optical goods.

## Appraisers Report the Value of Lord Bros. Jewelry Co.'s Stock.

MILWAUKEE, Wis., Aug. 6.—After the appointment of Wm. T. Boyle as Receiver of the Lord Bros. Jewelry Co., 131 Grand Ave., in place of Montgomery Ripley, who was removed by Judge Halsey on the petition of creditors, three appraisers were named to make an inventory of the stock.

The appraisers, last week, filed their report, which shows the stock in the hands of Receiver Boyle to be valued at \$2,611.22.

# Mechanical Die Cutting Machine

**FOR MANUFACTURING JEWELERS,  
SILVERSMITHS AND DIE CUTTERS.**

It cuts the die in perfect detail with results far superior to hand work. Fine dies are cut in one-third the time and at one-third the cost.



ON EXHIBITION AT

**DEITSCH BROS.,**

14 East 17th Street,

**NEW YORK.**



### Referee Appointed to Investigate Failure of Hillelson Bros.

TOLEDO, O., Aug. 6.—Nevins O. Winter has been appointed by Judge Pugsley Referee to conduct an inquiry into the affairs of Hillelson Bros., wholesale jewelers, 219 Spitzer building, whose business has been in the hands of a receiver for some time. Mr. Winter's investigation is now on.

Since the failure of Hillelson Bros. it is reported that Solomon Hillelson, one of the partners, had skipped for parts unknown, taking a large quantity of the assets. It is also claimed by creditors that just prior to the appointment of the receiver in the suit by the National Bank of Commerce, about \$10,000 worth of goods were shipped to the firm by creditors, and that about only \$2,700 worth of goods came into the possession of the receiver. The liabilities of the firm are said to be about \$40,000.

Immediately after the Referee was appointed by Judge Pugsley, last week, R. L. Griffith & Son Co. and D. R. Child & Co., manufacturing jewelers, filed answers and cross petitions in the suit brought by the bank against the debtors. R. L. Griffith & Son Co. set up a claim for \$218 for goods they alleged they sold to Hillelson Bros. not more than two days before the failure. They alleged they were misled by statements of the debtors to the effect that they were solvent and asked that the goods be redelivered to them or the value therefor paid by the Receiver. D. R. Child & Co.'s claim is for \$114.30, and they say that this is for goods sold to Hillelson Bros. with the understanding that title was not to pass until a cash payment had been made and that these conditions were not complied with.

Herbert Chitenden, the attorney for about 50 eastern creditors, says the claims he represents amount to about \$15,000. It is believed that a thorough investigation will be made.

### Kansas Jeweler Accused of Shooting His Son.

IOLA, Kan., Aug. 12.—Last Tuesday T. F. Kirby, a druggist and jeweler of this city, shot and instantly killed his son, J. L. Kirby. The Kirbys moved to this city about a month ago and T. F. Kirby opened in the drug and jewelry business, his two sons clerking for him, and their business has prospered from the very start. They were located in Eldorado, Kan., before coming here.

Yesterday afternoon the son who was shot began drinking and after supper he entered the store and began abusing his father and brother. The trouble was settled, however, and he began sweeping out the store. He had finished this work and was standing at the side door when the father shot through the screen door and the boy fell to the pavement, dead. A razor was found in his hand by parties on the street who had rushed to the scene.

The father made no effort to escape arrest and claims the shooting was in self defense. He said his son started to attack him with a razor and he shot to protect himself.

It is known that there has been trouble between father and son for a long while and the young man has been addicted both to the use of liquor and cocaine.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Kremetz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Kremetz & Co., 49 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them

Kremetz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Kremetz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.



# THE "IRIAN" PATTERN

A dainty new service of  
Flatware in sterling silver.

Made in England

Catalogue and Price List  
will be sent to you



TEA SPOON.

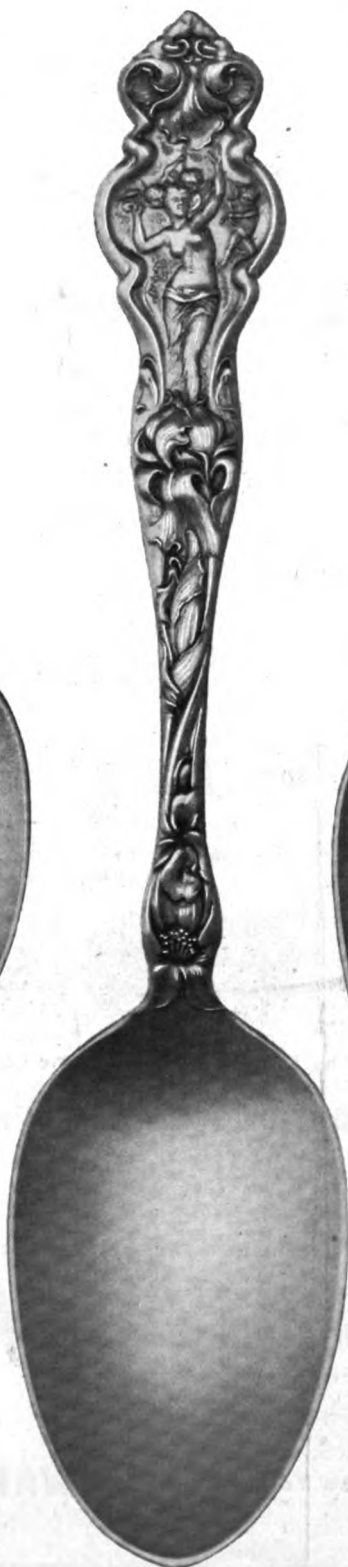


TABLE SPOON.



DESSERT SPOON.



SUGAR SHELL.



TEA SPOON.  
(REVERSE.)



*R. Wallace &*

*New York.*

Silversmith  
*Chicago*



# THE "IRIAN" PATTERN

Charming in design and of exquisite workmanship.

on Pieces.

ing prepared and completed.



MEDIUM BUTTER KNIFE.



BUTTER KNIFE, LARGE.



INDIVIDUAL SALAD FORK.



DESSERT FORK.



MEDIUM FORK.



CHILD'S FORK.

*ons Mfg. Co.*

Factories: Wallingford, Conn.  
San Francisco.





# WALTHAM WATCHES.

16 Size, S. W., '99 Model, Pendant Setting.

HUNTING OR OPEN FACE.

---

**RIVERSIDE MAXIMUS, Nickel;**

21 Diamond and Ruby Jewels; Two Pairs Diamond Caps; Both Balance Pivots running on Diamonds; Raised Gold Settings; Jewel Pin Set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Accurately Adjusted to Temperature, Isochronism and Five Positions, and Carefully Timed; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Gold Train; Fine Glass Hand-Painted Dial of Most Modern and Artistic Design. The superior construction of this movement adapts it to the most exacting service.

**RIVERSIDE, Nickel;**

17 Fine Ruby Jewels; Raised Gold Settings; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Adjusted to Temperature and Three Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**ROYAL, Nickel;**

17 Jewels; Red Gold Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**No. 630, Nickel;**

17 Jewels; Red Gilded Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 620, Nickel;**

15 Jewels; Red Gilded Settings; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring; Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 610, Nickel;**

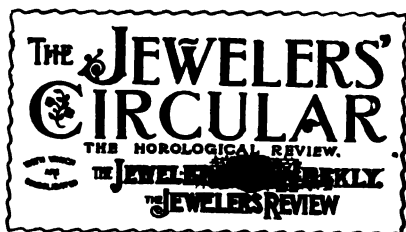
7 Jewels; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring, Hardened and Tempered in Form; Tempered Steel Safety Barrel; Exposed Winding Wheels.

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Manufactured and Warranted by

**AMERICAN WALTHAM WATCH CO.,  
WALTHAM, MASS.**





PUBLISHED EVERY WEDNESDAY BY  
THE JEWELERS' CIRCULAR PUB'G CO.,

11 JOHN ST., COR. BROADWAY, NEW YORK.  
TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWELAR, NEW YORK.

VOL. XLV. AUG. 13, 1902. No. 2.

Subscription in U.S., Canada and Mexico, \$2.00  
Other Countries in Postal Union, 4.00  
Single Copies, .10

Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

**American Jewelers** IN view of the strong movement and the in many quarters Export Trade. looking to the furtherance of the American export trade in jewelry and watches the statement of a buyer for a prominent English jewelry firm, made last week, is interesting. This buyer is H. Levetus, of John Spire & Co., Birmingham, who, as reported in THE CIRCULAR-WEEKLY, last week, visited the jewelry centers of New England. His presence and mission caused some little comment at first, but this was increased to a great extent by the statement which he made as to his reasons for coming to this market.

In an interview with Mr. Levetus he is reported to have said:

"There is nothing to be gained by attempting to conceal facts. We have been forced to buy American goods by the pioneers of the trade in Attleboro. It is an absolute fact that many of our customers want certain lines of goods of American manufacture. We produce the same or similar goods at home, but those goods are not considered desirable by all our customers. Various reasons are given why they want the American product. Competition has something to do with it beyond doubt, but that isn't all. We feel the inroads of Attleboro manufactures more particularly in Canada, where for years we had an immense trade. Our firm turns out the finest line of silver goods. At home and in Canada every article of adornment—buttons, charms, vest chains, lockets—was of silver. Your manufacturers have seen our goods and they give us credit for producing an artistic line.

"Those goods we put on the markets of the world and were doing, as I have said, a fine business until your Attleboro men got after us with their gold plated and other finely finished goods. Ten years ago in Canada you could not find any jewelry in gold or plate. It was all silver. Now you cannot find silver buttons, charms and vest chains. Your gold goods have struck the popular fancy of Canadians and I admit they are Americanized, or nearly so, that is, so far as jewelry is concerned. I have found out that the retailers in Canada have broken away from the mother country and to keep up with your American manufacturers we have to supply our customers, those who still remain on our books, with American goods. That's the reason John Spire & Co., of London and Birmingham, England, buy heavily of the product of Attleboro jewelry manufacturers."

If the English buyer is correctly reported and his firm's experience is no different from their competitors, the jewelers in New England cannot fail to be gratified at the position they have attained through their enterprise and originality. It is to be hoped

that they will be able to use the advantage which they seem to have over their foreign competitors, not only in the markets of Canada and England, but also the Latin-American countries as well.

There is no doubt that the same originality and perfection of workmanship that has given the American plated jewelry industry a hold on the Canadian trade will, if continued, help put the manufacturers in a position to successfully compete in other countries of the American hemisphere with the jewelry makers of Europe, especially those of Germany and France.

### Mutual Interests of THE interview with a manufacturing jeweler of Attleboro on the question of labor unions in the eastern jewelry centers, which was published in THE CIRCULAR-WEEKLY of July 30, has been extensively quoted and much commented upon by the press and jewelry trade of New England. The statements expressed to THE CIRCULAR-WEEKLY's informant seem to be generally endorsed by manufacturers and newspapers alike, though some few take exception to the estimated number of practical jewelers in the eastern towns.

While it is well for the trade generally that such questions of interest should be thoroughly aired and discussed, it is to be regretted that since this interview one or two manufacturers and certain of the labor leaders have, in their enthusiastic advocacy of their position, given way to intemperate remarks as to the position that the other side has taken on the question of union labor. With trade in its present condition, with every sign pointing toward one of the best Fall and Winter jewelry seasons enjoyed for some time, there is no occasion for friction between manufacturer and employee, both of whom cannot fail to be greatly benefited by the business that seems bound to develop. The interests of both, at the present time at least, are inter-dependent, and the manufacturer or labor advocate who seeks to sow discord at such a time not only does no good, but does serious injury to the trade as a whole and to the very people whose side he so strongly advocates.

Fortunately the jewelry trade is one in which there is less cause for friction between employer and employee than in almost any other prominent industry, making the danger from labor troubles extremely remote.

In this connection it is gratifying to note the many instances of co-operation and good feeling between firms and their workmen, particularly one noted last week, of the distribution of over \$1,000 semi-annual profit sharing dividend to the employees of one of the largest firms in Attleboro and the special arrangements made by other firms for affording the best light, air and other facilities to their help. Instances of this kind not only aid the particular firms involved, by establishing a spirit of good feeling throughout their entire force, but also have an effect upon the trade as a whole that cannot fail to prove generally beneficial.

Louis C. Koberg has added a large new safe to his jewelry store at Healdsburg, Cal., and is also making arrangements to enlarge and improve his store.

### Elevator Man Robs Two Jewelry Firms and Comes to Grief.

Archibald Vivian, who until last week ran an elevator in the Jewelers building, 9, 11 and 13 Maiden Lane, New York, was arrested, Sunday, at Baltimore, charged with grand larceny. At the time of his arrest Vivian was trying to dispose of a number of gold rings and jewelry which he is alleged to have taken from two firms in the building where he was employed.

Vivian was employed in the Maiden Lane building about two weeks ago to take the place of one of the men who was on a vacation. Friday morning he came down earlier than usual and slipped away without anyone seeing him. With the keys of several of the offices in the building in his possession, he entered the quarters of Warren & Williams, on the 13th floor, and of Kautzmann & Sussfeld, on the 15th floor.

From a trunk in the last named firm's office he obtained 225 gold rings. The trunk was opened with a key and the very best of the entire stock therein selected. In the same way 46 rings were taken from a trunk in Warren & Williams' office. These rings, it is thought, were carried from the building in a small satchel which Vivian had been bringing to the building for about three or four days, claiming that it contained his lunch.

Kautzmann & Sussfeld did not discover their loss until nearly noon, when the trunk was opened. Warren & Williams, however, became aware of the robbery early in the morning and Capt. Titus, of the Detective Bureau, was notified. Eventually it had become generally known by those interested that the theft had probably been committed by the absent elevator man. Accordingly a description of the man was telegraphed to the police of the principal cities. His arrest which occurred later in Baltimore, was due to his suspicious actions and his identity was not discovered until after he was taken into custody.

When taken into custody Vivian had all but five or six of the rings, which he said he had pawned in Philadelphia to get ready funds. The total value of the stock taken was estimated at about \$1,000. Vivian was about to be married and it is believed that he committed the theft in order to raise money for that purpose.

BALTIMORE, Md., Aug. 11.—Archibald Vivian, formerly an elevator man at 9, 11 and 13 Maiden Lane, New York, who was arrested here Sunday and charged with grand larceny, says that he will return to New York for trial without requisition to answer the charges.

### Annual Convention of Agents of International Time Recorder Co.

BINGHAMTON, N. Y., Aug. 6.—The second annual convention of the agents of the International Time Recorder Co. will be held next week at the company's office in Water St. The convention will occupy the entire week and many papers will be read.

An address will be delivered by J. P. McGuire, who represents the company in England, and articles prepared by P. McMaster, of London, and A. R. Jennings, of Berlin, will be submitted, though these gentlemen will not be present.



### Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY has perfected arrangements for obtaining the names and hotel addresses of all the latest buyers visiting New York, and each day posts in its office, 11 John St. cor. Broadway, a bulletin which every member of the trade is cordially invited to copy

AKRON, O., J. C. Frank, Marlborough.  
ATLANTA, GA., T. C. Bunch (Davison, Paxson, Stokes Co.), Albert.  
BALTIMORE, MD., W. S. Brodie, Astor.  
H. Greenbaum (M. Goldenburg), Grand.  
B. Kahn (Hochschild, Kahn & Co.), Imperial.  
BOSTON, MASS., E. P. Horn, Holland.  
C. F. Morrill, Broadway Central.  
BUFFALO, N. Y., J. F. Jones (J. N. Adam & Co.), Herald Square.  
J. Clancy (H. A. Meldrum Co.), Rossmore.  
CHICAGO, ILL., M. S. Finnegan (Stein & Ellbogen), St. Denis.  
A. Lurie (A. Lurie & Co.), Broadway Central.  
E. Showers (E. Showers), Cadillac.  
CINCINNATI, O., R. G. Carew (The Mabley & Carew Co.), Holland.  
H. Duhme (Duhme Bros. & Co.), Imperial.  
Miss J. Marsh (H. S. Pogue Co.), Normandie.  
M. Rauch (The Mabley & Carew Co.), Gerard.  
M. Wolf (H. Wolf & Sons), Vendome.  
CLINTON, IA., J. D. Van Allen (J. D. Van Allen), Victoria.  
COLUMBUS, O., D. L. Auld, Imperial.  
R. N. Whitford (Hoffman Supply Co.), Herald Square.  
DALLAS, TEX., J. M. Chappell, Morton.  
DENVER, COL., E. Kirscher (Daniels & Fisher Stores Co.), Navarre.  
DES MOINES, IA., M. H. Burns (Harris-Emry Co.), Park Avenue.  
DUNKIRK, N. Y., J. Nelson, Park Avenue.  
EGG HARBOR, N. J., V. Freisinger, Belvedere.  
FREDERICK, MD., H. S. Londis, Continental.  
FORT SCOTT, KAN., W. J. Calhoun (W. J. Cal-

houn & Co.), Albert.  
HELENA, ARK., J. Balenson, 87 Maiden Lane.  
S. D. Frank, Rossmore.  
JOHNSONTOWN, N. Y., C. E. Ruckster (M. Nathan & Bro.), Broadway Central.  
HONESDALE, PA., N. B. Spencer, St. Denis.  
LITTLE ROCK, ARK., E. Cohen (Gus. Blass D. G. Co.), Marlborough.  
MILWAUKEE, WIS., D. Goldman, Herald Square.  
MONROE, LA., J. Lome, Navarre.  
MT. CLEMENS, MICH., L. T. Meyers, Broadway Central.  
NEW ORLEANS, LA., C. Meyer, Vendome.  
OMAHA, NEB., J. F. Mawhinney (Mawhinney & Ryan Co.), St. Denis.  
OSWEGO, N. Y., C. Wendell, Astor.  
PHILADELPHIA, PA., J. Wilson (John Wanamaker), Grand Union.  
R. L. Saunders, Astor.  
PITTSBURGH, PA., J. C. Grogan, New Amsterdam.  
H. B. Hayes (Hardy & Hayes), Holland.  
READING, PA., Mrs. F. Tyack, Herald Square.  
RICHMOND, IND., B. C. Bartel (Adam H. Bartel Co.), Albert.  
SEATTLE, WASH., H. S. Taylor (The MacDouglas & Southwick Co.), Albert.  
ST. LOUIS, MO., J. T. Boland, Gilsey.  
W. A. Hecker (T. W. Drost), Manhattan.  
ST. PAUL, MINN., Miss Hattie Flynn (Schunemann & Evans), Victoria.  
H. B. Drake (Schunemann & Evans), New Amsterdam.  
SYRACUSE, N. Y., H. L. Leiter, Hoffman.  
M. M. Leiter, Hoffman.  
TOLEDO, O., J. C. Thompson (W. L. Milner & Co.), St. Denis.  
WINNIPEG, MAN., T. J. Port, Astor.  
WORCESTER, MASS., C. Waldo (Denholm & McKay Co.), Cadillac.  
ZANESVILLE, O., S. Weinberg (A. E. Starr & Co.), Normandie.

### Trans-Atlantic Voyagers.

#### TO EUROPE.

Oscar Keck, of the Herman Keck Mfg. Co., Cincinnati, O., sailed Thursday on the *Konigin Luise*.

Louis Hinrichs, with L. Straus & Sons, New York, sailed yesterday on the *Kaiser Wilhelm der Grosse*.

#### FROM EUROPE.

A. W. Harrington, of Harris & Harrington, New York, returned Wednesday.

Samuel Hochhaus, of J. Hochhaus & Son, New York, and Emil F. Ungerer, secretary of the New York Watchmakers' Association, returned recently on the *Philadelphia*.

H. A. Meyer, Glaenzer Frères & Rheinboldt, New York; Harry B. Hayes, of Hardy & Hayes, Pittsburgh, Pa.; S. F. Sipe, Pittsburgh, Pa.; A. E. Sipe, Buffalo, New York, and N. Glauber New York, arrived August 5 on the *Kaiser Wilhelm der Grosse*.

J. G. C. Cottier, of C. Cottier & Son, New York, arrived Saturday on *La Touraine*.

M. P. Bagg, of Milton P. Bagg & Co., New York, John F. Saunders, New York, and J. H. Wattles, of W. W. Wattles & Sons, Pittsburgh, Pa., arrived Saturday on the *Campania*.

Mrs. F. Kerper, buyer for Gimbel Bros.' jewelry department, Philadelphia, arrived last week.

### Importations at the Port of New York.

Weeks Ended Aug. 9, 1901, and Aug. 8, 1902.

	1901.	1902.
China, Glass and Earthen Ware:		
China .....	\$98,585	\$25,468
Earthen ware .....	16,610	10,595
Glass ware .....	26,106	30,251
Optical glass .....		13
Instruments:		
Musical .....	6,184	18,716
Optical .....	2,482	6,424
Philosophical .....	3,840	3,784
Jewelry, etc.:		
Jewelry .....	19,037	17,936
Precious stones .....	365,503	595,403
Watches .....	16,973	14,255
Metals, etc.:		
Bronzes .....	1,213	1,886
Cutlery .....	21,265	15,891
Dutch metal .....	479	839
Platina .....	19,399	10,486
Plated ware .....		
Silverware .....		
Miscellaneous:		
Alabaster ornaments .....	3,763	40
Amber .....		20
Beads .....	3,694	5,554
Clocks .....	3,931	3,609
Fans .....	5,767	2,663
Fancy goods .....	2,761	6,329
Ivory .....	53,739	18,669
Ivory, manufactures of .....	717	225
Marble, manufactures of .....	13,520	36,339
Statuary .....	2,852	7,101

### Jewelers' Gold Bars Withdrawn and Exchanged.

Week Ended Aug. 9, 1902.

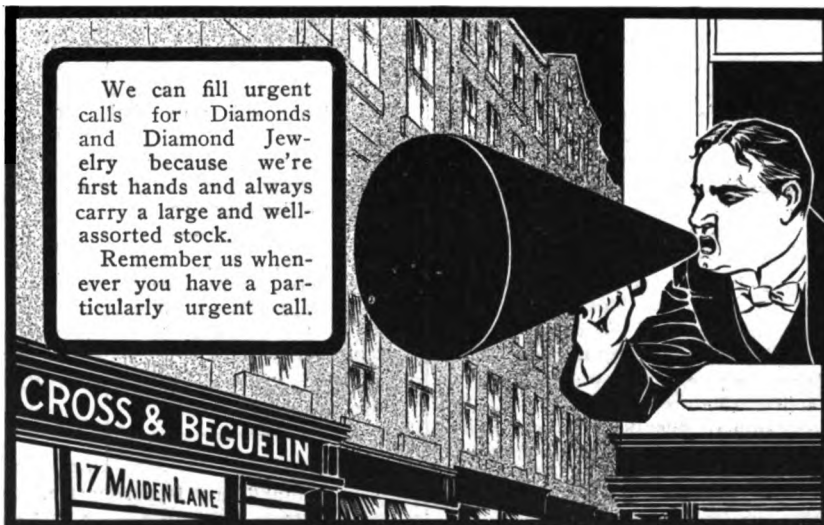
The U. S. Assay Office report:  
Gold bars exchanged for gold coin.....\$257,399.95  
Gold bars paid depositors..... 62,989.76

Total .....	\$314,389.71
Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:	
Aug. 4.....	\$41,097.61
" 5.....	82,786.39
" 6.....	35,640.98
" 7.....	86,226.59
" 8.....	5,648.38
Total .....	\$251,299.95

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**New York Notes.**

A judgment for \$41.64 against Julian Nathan in favor of Tiffany & Co., was satisfied Friday.

W. C. Szard, of Wanamaker's, Philadelphia, was in New York last week visiting the jewelry trade.

Otto Roggenkamp, a jeweler at 130 Broad St., Elizabeth, N. J., has been appointed watch inspector of the Central Railroad of New Jersey.

Samuel Cohn and H. Abraham, who were both formerly salesmen for Oppenheimer Bros. & Veith, have commenced business on their own account, under the firm name of S. Cohn & Co., 9-13 Maiden Lane, where they will deal in loose diamonds exclusively.

Leon V. Solon, art director of Minton's (Ltd.), Stoke-on-Trent, England, is visiting the United States, acquainting himself with the trade and artistic requirements of high class china goods handled by American jewelers. He will travel extensively in this country and will visit many cut glass and fancy china plants.

L. Pearlin, ring manufacturer at 51 Maiden Lane, and J. Segal, dealer in optical goods and materials, at the same address, have formed a partnership to be known as Segal & Pearlin. With the capital and business combined the new firm will have many added advantages and facilities for looking after trade. The firm will carry a complete line of jewelry and optical goods, and will for a time retain the office formerly occupied by Mr. Segal.

Henry W. Probst, importer and manufacturer of pearl buttons and umbrella handles at 396 Broadway, Wednesday filed a petition in bankruptcy in the United States District Court, New York, with liabilities of \$2,789 and nominal assets of \$324, consisting of \$50 in stock, \$100 in fixtures and \$174 in accounts, all of which have been assigned. Of the liabilities, \$1,350 are secured to Ladenburg, Thalmann & Co., by accounts worth \$1,500, and \$1,430 are unsecured to 10 other creditors.

Policeman McCoy, of the Macdougall St. Station, was on trial at Police Headquarters Thursday, charged by W. F. Goetz, a jeweler, with getting a gold watch on memorandum and failing to pay for the timepiece or return it. Goetz said that after many attempts to get the watch he went to court and got a body execution for McCoy, the Judge saying it was an evident fraud, but he could not get a city marshal to execute his warrant because they didn't want to ar-

rest a policeman. Deputy Commissioner Thurston gave the policeman two months in which to pay for or return the watch.

At the recent meeting of the New York Watchmakers' Association, held at 192 Third Ave., after the meeting had been called to order by the president and routine business had been transacted, Mr. Keller was elected a member and Otto H. Boyesen, Richard C. Schneider and John W. Tonnies were proposed for membership. A nominating committee was selected. Emil F. Ungerer, who has been abroad for three months, was welcomed by the members on his return to his duties.

William A. Bryant, of M. B. Bryant & Co., 7 Maiden Lane, was Thursday night elected captain of the First Troop, N. G. N. J., otherwise known as the Essex Troop, of Newark. Captain Bryant is a resident of Montclair and has been active in military matters for over 25 years. He enlisted in the Seventh Regiment, N. G. N. Y., in August, 1875, and served in that organization for 17 years. He entered the First Troop as a private on Jan. 16, 1893. He was elected First Lieutenant of the troop June 15, 1899, and has held this office until his election to the command of the troop.

M. Goldsmid, a New York jewelry salesman, was confined to his room at the Gibson House, Cincinnati, several days last week as the result of a mysterious assault by a strange man. Mr. Goldsmid and another man were boarding a car when the stranger struck Mr. Goldsmid such a powerful blow in the chest the salesman sank down and had to be assisted to the hotel. Mr. Goldsmid has suffered severely since the attack, and is unable to attend to his business, but is not believed to be seriously or permanently injured. Mr. Goldsmid and other eye-witnesses say there was no cause for the attack.

There was a rumor current last week that Heber R. Bishop had donated to the Metropolitan Museum of Art his collection of jade, valued at more than \$500,000. Mr. Bishop is in Europe at present and his secretary, when asked about the report, replied that he was aware that it was Mr. Bishop's intention to present his collection to the museum, but he believed that an announcement at the present time would be premature. The collection of jade displayed in the ballroom of the Bishop mansion on Fifth Ave. is probably the finest in the world. The pieces are exquisitely mounted and the carvings, which are Oriental in design, are perfect examples of their special art.

Frederick Slackinoff, 18 years old, of 152 Ridge St., was acquitted by Judge Foster, in the Court of General Sessions, Thursday, of the charge of picking the pockets of Benjamin Cooper, a jeweler at 379 Grand Ave., Brooklyn. In acquitting the prisoner Judge Foster took occasion to condemn the habit of Grand Juries in finding indictments without evidence. Slackinoff was arrested early in July, accused by Cooper of picking his pockets at the Grand St. ferry. After Cooper had told his story and before his lawyer could ask any questions, Judge Foster asked how he identified Slackinoff. The witness said that he did not identify the boy, but he knew that somebody had taken his money.

More than \$700 worth of jewelry, which he failed to declare, was seized from David Hirschler, who arrived last week on the *Kaiser Wilhelm der Grosse*. Special Customs Officer Timothy Donahue noticed that Hirschler's pockets were bulging as he came down the gang plank. Donahue then told the passenger to take some jewelry out of his pocket, and though Hirschler at first protested, he finally produced a number of packages containing diamond brooches, diamond studded watches, rings and scarf pins.

Instructions have been issued to the Collector of Customs to admit free of duty the box of decorations, medals, etc., recently sent to the German Ambassador by Emperor William of Germany for delivery to those who took an active part in the entertainment of Prince Henry in the United States.

A "shore dinner" has been planned by the members of the 24 Karat Club to take place at Supper's Hotel, Bath Beach, at 3 o'clock on the afternoon of Sept. 5. The committee of arrangements, consisting of C. F. Brinck, president of the club, Col. J. L. Shepherd, J. R. Gleason and E. R. Crippen, have made preparations for an especially happy time. The friends of many of the members have been invited to attend the dinner, and about 40 or 50 are expected. The party will leave New York at the foot of Whitehall St., on the 1.20 p. m. ferry to 39th St., Brooklyn, where a special car will be in waiting to take the diners to their destination. The same arrangements have been made for the return. The dinner will be somewhat novel, and is for the purpose of promoting good fellowship and of bringing the members of the club together at a midsummer affair.

Cornelius Bauer, 27 N. Market St., Paterson, N. J., is making a tour of the prin-

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No. 800.—7 Jewels, Nickel Damaskeened, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

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TRENTON, . . . NEW JERSEY.

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cial Summer resorts of northern and eastern New York, visiting Saratoga, Lake George, Niagara Falls and the Thousand Islands.

Harry Curran, foreman of Wanamaker's jewelry shop, is taking a two-weeks' rest in camp at Lake Hopatcong.

The assets of Lafayette Lilienstern, who filed a petition in bankruptcy two weeks ago, will be sold at auction August 26, at 10.30 A. M. The goods are at 26 Lispenard St., and consist of jewelry, fixtures and plated ware.

A meeting of the creditors of William E. Cohn will be held August 26, at 11 A. M., in the office of Referee in Bankruptcy Macgrane Cox, 63 Wall St. Cohn was adjudged a bankrupt June 17, in the United States District Court.

### Newark.

The Old Colony Clock Co., Rutherford, is working overtime. It is reported that the company is experiencing difficulty in

securing good workmen for their factory.

Arthur Kelly and David Lent, the young men who were arrested a few days ago on suspicion of swindling jewelers by substituting paste diamonds for the genuine articles, have been discharged from custody by Police Magistrate Lambert.

### Alabama.

The Maxwell-Raiford Jewelry Co., Tuscaloosa, has added sheet music to its stock. They now carry a full line of music and musical instruments.

W. A. Parrish, whose death was reported in last week's issue of THE JEWELERS' CIRCULAR—WEEKLY, once had prosperous stores at Attalla, Birmingham, Anniston and Roanoke.

J. T. Maye, who recently conducted a jewelry store at Oxford but later went to Dallas, Tex., has lost his little son, who was drowned in the Trinity river. Many Alabama friends condole with the sorrowing father.

**SEVENTH** CAPITAL,  
\$1,700,000.

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**NEW YORK CITY.**

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Chas. E. Levy, Hugh Kelly,  
Alex. McDonald, Wm. F. Carlton,  
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**W**E do not manufacture for to-day only. Our intention is to make nothing that will not stand the Test of Time.

**G**OOD Art never loses its appeal, thorough workmanship is always in demand.

**J**UST now our Stock is full of new goods for the Coming Season, and an early inspection and selection will have the advantage due to our present ability to give your orders prompt attention.

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PARIS, 1900



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BUFFALO, 1901

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There  
may  
be many  
good Studs  
on the mar-  
ket, there  
certainly are  
many bad ones,  
but there is only  
one BEST, only  
one at the top of the  
heap, and that is

## THE APEX

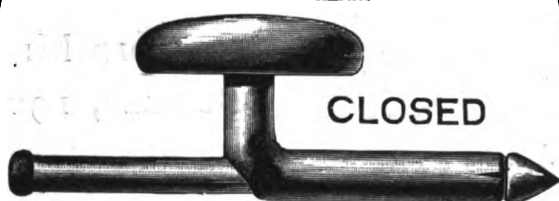
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AUTOMATIC IN ACTION,  
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IT WORKS  
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IT SELLS  
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FOR SALE BY ALL JOBBERS.

SOLE MANUFACTURERS IN 10K AND 14K. GOLD.

# CHAS. KELLER & CO.

192 Broadway, New York.



Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their confreres.

Travelers in Portland, Ore., last week, included: F. D. Newburger, R. Blackinton & Co.; I. T. Bloom, J. Hoone & Co.

W. R. Hammond, representing J. F. Fradley & Co., left, this week, for the Pacific Coast.

Among the eastern men in San Francisco, Cal., last week, were: Sam Levy, L. & M. Kahn & Co.; and Sol Kaiser, Byron L. Strasburger & Co.

Paul Walsh, formerly with Armer & Weinschenk, San Francisco, Cal., but now with the Dueber Watch Case Mfg. Co., is in San Francisco, Cal.

Among those who visited the St. Louis trade, last week, were: Louis Bernheim, Bernheim & Beer; a representative of the Western Clock Mfg. Co.; and James C. Cook, Champenois & Co.

Among the traveling salesmen who visited Denver, Col., last week, were: Mr. Marx, Marx Bros.; Mr. Agnew, New Haven Clock Co.; and M. Clipper and H. Clipper, Hipp. Didisheim & Bro.

Recent callers on the Columbus, O., trade, were: Ernest A. Rose, Weigle & Rose; Jul. F. Schuman, William Kinscherf; Josh. W. Mayer, Powers & Mayer; H. A. Bliss, Gorham Mfg. Co.; E. V. Glidden, Shepard Mfg. Co.

During the first week in August the following traveling men were in Indianapolis, Ind.: Ira Smith, Horton, Angell Co.; Abel King, I. Emrich & Co.; Fred L. Pettet, Waterbury Clock Co.; M. Kohn, Silbermann & Co.; Mr. Somes, S. O. Bigney & Co.; H. C. Cobb, Daggett & Clap Co.

The following eastern representatives were in Kansas City, Mo., last week: F. R. Horton, Carter, Howe & Co.; William Berry, Larter, Elcox & Co.; J. M. Stanley, Mauser Mfg. Co.; W. R. Cobb, W. R. Cobb & Co.; A. J. Sherrard, Enos Richardson & Co.; J. G. Clark, Whiting Mfg. Co.; George A. Turner, Rockford Silver Plate Co.; Thomas H. McNamara, Henry A. Newland Co.; W. S. Dudley, Rogers, Smith & Co.; and Louis Duclos.

Among the representatives of eastern houses in Minneapolis and St. Paul, Minn., last week, were: Mr. Rich, Rich & Allen; E. A. Reed, Reed & Barton; I. N. Fox, Fox Bros. & Co.; Otto Schneider, Hammel, Riglander & Co.; Frank Thompson, Derby Silver Co.; Mr. Newburger, R. Blackinton & Co.; Harry McConnell, C. G. Alford & Co.; representative of the Engel Ring Co.; H. W. Raymond, F. C. Steinman & Co.; Mr. Shepard, F. H. Noble & Co.; I. Speyer, Goldsmith Bros.; W. B. Blood, L. Black Co.; H. Goldsmith, Jewelers' Mfg. Co.; H. F. Tourtellot, Waite, Thresher Co.; J. Oppenheimer, Julius Wodiaka; E. F. Erzinger, Landers, Fray & Clark; J. M. Stanley, Mauser Mfg. Co.; David Schwab, Ciner & Seelman; Mr. Barkman, Simons Bro. & Co.; J. M. Morrow, American Watch Case Co.

The following eastern representatives were in Louisville, Ky., last week: C. H. Horton, Bradley & Hubbard Mfg. Co.; J. H. Friedlander, H. Z. & H. Oppenheimer; C. A. Hulstrom, Wilcox & Evertson; W. L. Miller, Miller Jewelry Co.; Fred Foster, Unger Bros.; Ferguson Mead, Barbour Silver Co.; J. F. Garland, Keller Jewelry Mfg. Co.; E. C. Delmar, Ansonia Clock Co.; James V. Bergen, J. D. Bergen Co.; F. C. Winship, I. F. Egginton Co.; Ed. J. Mayer, Julius King Optical Co.; Mr. Sichel, O. P. Goldsmith & Co.; C. L. Krugler, Mandeville, Carrow & Crane; J. T. Griffith, Jr., Carter, Howe & Co.; A. I. Meyer, Hirsch & Hyman; Louis Bernheim, Bernheim & Beer; Abel King, I. Emrich & Co.; Walter Strauss, Jacob Strauss & Sons; D. Skutch, New Haven Clock Co.; I. L. Friedman, L. Adler & Son; Leo Henle, Sussfeld, Lorsch & Co.; Jerome C. Cook, Champenois & Co.



### News Gleanings.

F. P. Wigger, Enid, Okla., has given a chattel mortgage for \$17.

D. Epps was among the losers in the recent fire at Wayne, Mich.

O. J. Lind has moved his jewelry store in Eddyville, Ia., to a new location.

Walter Homrighous, formerly of St. Joseph, Ill., has moved to Charleston, Ill.

Perry Cory, a former jeweler of Newton, N. J., died recently in San Francisco, Cal.

O. O. Lewis, Topeka, Kan., has left for Goldfield, Col., where he will continue in the jewelry business.

Levi M. Bowman's store, Bowie, Tex., was recently destroyed by fire. The stock was insured for \$5,000.

H. C. Wallace has discontinued the watch repair business he has been operating in Webb City, Mo.

L. H. Tuft has returned from the old country to Hawley, Minn., and proposes to resume his jewelry business.

A. O. Snow, Goshen, N. Y., has purchased from Jos. Keller the building lot located at the corner of Wickham and Tussten Aves.

Dr. Reed Pugh died recently at Oxford, Pa., aged 74 years. He had been in turn, miller, dentist, photographer, doctor and watchmaker.

C. I. Josephson, Moline, Ill., has let the contract for laying a beautiful mosaic floor in his store, and the work is already under way.

The Riverside Watch Co., Bordentown, N. J., has erected a new addition to its factory, and added 180 engravers to the present working force.

A swindler was recently foiled in an attempt to pass a worthless check for \$56.25 on Horace L. Hall and John Joss, Sr., jewelers of New Philadelphia, O.

R. D. Howell has sold out his confectionery and stationery lines in Holdenville, Ind. T., and will in the future devote his entire attention to the jewelry business.

I. M. Spitz, local manager of the Transvaal Diamond Co., Syracuse, N. Y., has made arrangements to open a branch store of the Transvaal Diamond Co., in Utica, N. Y.

B. D. Webber, of the jewelry firm of Vickers & Webber, Rock Rapids, Iowa, has given a chattel mortgage on his undivided half interest in the business for \$1,000.

Jos. Hayworth, who, with two other boys, recently stole about \$400 worth of jewelry from Mr. Wachtell's store, Muncie, Ind., has not as yet been taken into custody.

Otto H. Fasoldt, Albany, N. Y., has just completed his semi-annual inspection of the watches carried by the engineers and conductors of the four different railroads entering that city.

The death is announced of George R. Shafer, a former jeweler of Canon City, Col. Mr. Shafer was at one time Mayor and a prominent citizen of Canon City. He died at San Diego, Cal.

Will Roher, Anderson, Ind., last week,

was taken suddenly ill while alone in his store. A passing physician administered to the patient, who was found to be suffering from a congestive chill.

D. A. Danielson's store, at Lincoln, Neb., was entered recently by thieves, who stole six gold watches and three silver watches. J. Olsen and Criss Offerson have since been arrested, charged with the theft.

The New England Pocket Book and Novelty Co., Amherst, Mass., has just bought the former factory of the E. L. Dean Co., in that town, and after remodeling the building will occupy it for their business.

J. M. Manning, Atlantic Highlands, N. J., has been appointed the official inspector of watches for the Central Railroad for that district. All employes must have watches of certain standard, and they must be inspected weekly.

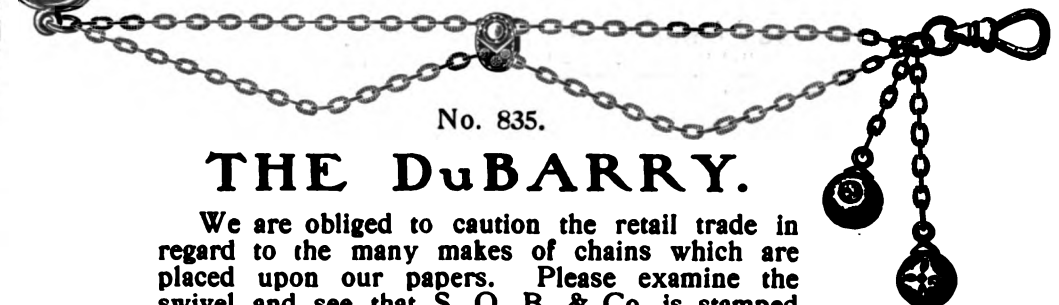
It is reported that C. H. Hunter, who claims to be a jeweler, recently swindled Sciotoville, O., citizens. His scheme consisted in opening up a store, borrowing money with which to buy jewelry stock and to furnish a watch repair shop, and then escaping with watches delivered to him for repairs.

Mrs. Jane Walker, aged 35 years, residing at 510 Court St., Sioux City, Ia., confessed, when recently arrested, to stealing from Jeweler W. H. Beck, a pair of diamond earrings, a \$110 pearl pin, and a pin valued at \$15. A man named Wales, who was also arrested in connection with the case, admitted that he sold the stolen articles.



**T**HE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

**S. O. BIGNY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.



**S. STERNAU & CO**  
204 CHURCH ST., NEW YORK.

**Some of Our Friends**

have omitted to call at our **New York Show Room, 204 Church Street, cor. Thomas,** to inspect our new goods. While we have had the pleasure of seeing a great many, we want **ALL** to call; make a point of coming this week. If our **New Catalogue** has not reached you, please let us know so that we may send it.

**S. Sternau & Co.,**  
204 Church Street, cor. Thomas,  
New York.  
Factory, Brooklyn, N. Y.

TRADE PAPER ADVTG. AGENCY N.Y. #140

## THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE 75 CENTS.

Jewelers' Circular Publishing Co.,

11 John Street, New York

## ROSENZWEIG BROS.,

52 MAIDEN LANE,  
NEW YORK CITY.

### HEADQUARTERS FOR

0° Suffolk Movement in 20-year Filled Hunting Case, at \$15.30, Keystone list.

0° Suffolk Movement in 10-year Filled Hunting Case, at \$12.00, Keystone list.

This is the cheapest American made 7-J. lever set, out balance watch in the market. Send to us for Jewel Series Waltham Watches.



IMPORTERS  
AND  
JOBBER OF

**DIAMONDS  
WATCHES  
JEWELRY**

9-11-13 MAIDEN LANE  
NEW YORK.

100 STATE STREET,  
ALBANY, N. Y.

## New Stores and Enterprises.

(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading, "New York Notes.")

E. Six & Son have opened a store in Wakita, Okla.

T. A. Robinson has opened a new store at Richmond, Ky.

Mr. Johnson will open a new jewelry store in Bemidji, Minn.

Wortham Bros., Rockford, Ill., have added a jewelry annex to their department store.

Charles Wilson, of Springfield, Mo., has opened a jewelry store in Enumclaw, Wash.

Theodore Volleman & Co. will shortly open a new store at 225 Collinsville Ave., E. St. Louis, Ill.

Mr. Hoffman, St. James, Minn., contemplates engaging in the jewelry business at Comfrey, Minn.

Lars Olson, Harmony, Minn., has gone to Ridgeway, Ia., where he will engage in the jewelry business.

Fred J. Oehring and Charles C. Oehring will engage in the jewelry business at McGregor, Ia., about Sept. 15.

C. V. Bates has formally opened his new jewelry business at Huron, S. D. Each lady visitor received a lily as a souvenir.

W. F. Fraser, formerly with Schumacher & Co., St. Louis, Mo., has opened for business as a watchmaker and jeweler at 138 Montgomery St., in that city.

Harry Legg, a former jeweler, who has been out of business for a long time, has again opened diamond parlors at 518 Nicollet Ave., Minneapolis, Minn.

The Lawson Watch Co., Chicago, Ill., was recently incorporated, with a capital stock of \$2,500. The incorporators are: John M. Kelly, Walter R. Ceperly and Frank M. McIlvaine.

A. B. Kurtz will start a jewelry store in the room now occupied by the First National Bank on West Main St., Connellsville, Pa., when the bank goes into its new quarters.

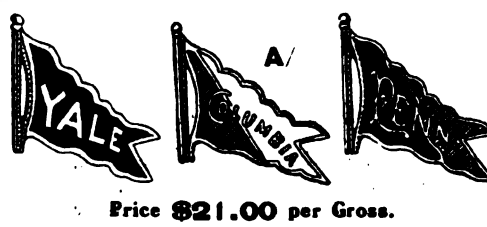
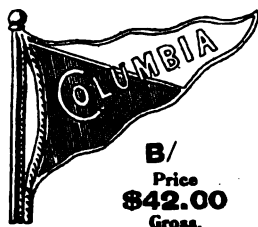
The Star Pottery Co. has been incorporated at Shelley, Idaho, with a capital of \$25,000. The company will manufacture fancy pottery. The directors are: J. T. Shelley, D. J. Roberts, T. J. Kearney, B. J. Briggs and A. V. Scott.

The Southern Wholesale Jewelry Co. was recently incorporated at Columbia, S. C., with a capital stock of \$10,000. The incorporators are: Jos. C. McCreery, F. F. Hough and J. Pope Matthews.



**STERLING SILVER COLLEGE FLAG PINS.**

ILLUSTRATIONS ARE ACTUAL SIZE.



**OAR HAT PINS.** Sterling Silver. Comes in Yale, Harvard, Columbia, Cornell, Penn., Princeton.  
Price, \$54.00 NET Per Gross.

We manufacture a large line of Flags for all the principal Colleges. These Pins are Sterling Silver, and are nicely enameled in the proper colors. We can furnish any of these goods in Stick Pins or Hat Pins. We also make the entire line in plate at very low prices. These goods cannot be equaled for quality and price. Give us a trial order.

Our terms are 6 per cent. 10 days; 5 per cent. 30 days, unless marked net.

**C. H. EDEN CO.,** Manufacturing Jewelers, **Attleboro, Mass.**



**Sit down and think it over—**

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

**THE BASSETT JEWELRY CO.,**

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
87 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
1118 Lumber Exchange.







VOL. XLV.

CHICAGO, WEDNESDAY, AUGUST 13, 1902.

No. 2.

### Chicago Notes.

Elmer Rich, of the Rich & Allen Co., left, last week, for a month's trip west.

L. Seligman, of the L. Seligman Jewelry Co., is at present traveling in the east.

George Gubbins, with the Illinois Watch Case Co., left Sunday for a western trip.

Mr. Bennett, of Reed & Bennett, Minneapolis, Minn., visited the trade last week.

Ernest Block, representing L. Stern & Co., was here for a few days the first of last week.

A. L. Downard and daughter, of Mar-engo, paid a visit to the trade during the past week.

Herbert Cobb, western representative for Daggett & Clap Co., has left for a short eastern trip.

J. W. Lederer, of the Providence Stock Co., returned, Monday, from a month's visit to the factory.

C. C. Offerman, western representative for William Smith & Co., has returned after his Summer vacation.

J. A. Limbach, representing Theo. W. Foster & Bro. Co., returned in the latter part of the week from the west.

The annual picnic of the Chicago Jewelers' Protective Union, was held Sunday at Fox River Grove, Cary, Ill.

Jacob Franks, of the Rockford Watch Co., returned last week from his three weeks pleasure trip in the east.

W. A. Burrows, accompanied by his wife, has returned from a vacation spent at Highland Park, on the North Shore.

L. S. Reichenberg, of Reichenberg-Smith Co., Omaha, Neb., was married in this city, last week, to Miss Grace L. Eichberg, Chicago.

H. H. De Loss, vice-president of the Standard Metal Co., spent a few days of the past week at the Chicago office of the company.

L. C. Stephan, with the International Silver Co., accompanied by his wife, is spending a month's vacation traveling through California.

John L. Shabro, buyer for the material department of J. H. Purdy & Co., is at present confined to his home through an attack of typhoid fever.

H. Hartman, Wapakoneta, O., who had been on an extended pleasure trip through the west, stopped over at Chicago last week, on his way home.

J. T. Brayton, western manager for the

Julius King Optical Co., returned last week, from a two weeks' pleasure trip through Colorado and Wyoming.

D. W. Bragin, with Albert Pfeifer & Bros., Little Rock, Ark., accompanied by his wife and family, came to this city last week, and will spend his vacation here.

L. C. Booth, advertising manager for Benjamin Allen & Co., leaves this week, accompanied by his family, for a couple of weeks' rest near the lakes of Wisconsin.

Among the buyers here last week not elsewhere mentioned were: J. W. Veatch, Rossville, Ill.; G. Scherzinger, Fond du Lac, Wis.; G. S. Hollenbeck, Astoria, Ill.

D. Freedman, of D. Freedman & Co., leaves this week for an extended trip through the east. Mr. Freedman will make 51 Maiden Lane his headquarters while in New York.

"Will" Manheimer, of Louis Manheimer & Bros., returned, last week, from a month's visit to Atlantic City. Louis Manheimer and his family are still at that resort.

Max Ellbogen, of the Stein & Ellbogen Co., sailed from Europe Thursday, and is due to arrive in Chicago the latter part of this week. "Ed." Fry, representing the Stein & Ellbogen Co., returned last week from the northwest.

H. M. Tenny, traveler for Lapp & Flershem, has returned from his old home at Galesburg, Ill. He leaves for his territory this week. De Witt Smith, of the material department of the firm, is spending his vacation in the east.

Acting on a request from the Minneapolis police, detectives, Thursday, took into custody Clara Banks and Mrs. Clara Banks, as they were alighting from a train. One of the women carried a basket which contained 15 watches, supposed to have been stolen.

E. K. McGillvray, the veteran traveler with J. M. Forsinger, who has been in the hospital for the past five months, has improved in health so much that he was able, last week, to start on an eastern trip. L. R. Miller, with this concern, returned from his territory this week.

Four robbers, all of them boys, entered the jewelry store of Mathias Mamer, 140 W. Harrison St., Friday afternoon, and carried away jewelry valued at \$6,300. The robbers entered through the front door of the establishment and were seen to enter and leave the place by little girls playing in the neighborhood. The proprietor of the

establishment, who was not in the store at the time of the robbery, has furnished the following partial itemized list: 36 gold watches, \$1,970; 144 rings, at \$2.50, \$360; 12 diamond rings, \$875; 24 garnet rings, at \$5, \$120; 100 small rings, at 50 cents each, \$50.

### Jas. W. Clark Buys Out Business of Moore & Evans.

CHICAGO, Ill., Aug. 11.—One of the most important deals in the jewelry business of this city was consummated last week, when James W. Clark purchased the entire business formerly conducted by the corporation known as Moore & Evans.

There have been several offers for this business and rumors of many others, but Mr. Clark finally furnished the money to effect a composition and thereby acquired the corporations, its assets, etc. The claims aggregated \$203,000, the price paid for the business was about \$100,000, and creditors will receive this week 40 cents on the dollar.

J. W. Clark, the president and treasurer of the business, is a good example of what an ambitious, energetic young man can do in the west. He started in the jewelry business in this city in 1882, with F. E. Morse & Co., to which business he eventually succeeded and has carried on successfully since as the F. E. Morse Co. He succeeded in raising the money to purchase the Moore & Evans business individually and in acquiring this business he becomes one of the leading factors in the jewelry trade in the west. The business is reported to have made \$2,000 while in the hands of the receiver.

Mr. Clark will continue the F. E. Morse Co.'s business exclusive of Moore & Evans, and will give the latter business his personal attention.

Ben Sturges has not discontinued the jewelry business he has been conducting in Independence, Mo., as reported, but will continue as heretofore.

Since the inauguration of the new management at the Rockford Watch Co.'s plant at Rockford, Ill., this company has been making rapid strides towards success. It is reported that the demands for the movement made by the company is so heavy that the management are constantly adding to the force of employees to keep pace with the increase.



# "We Say" Nothing Like It! Others Say

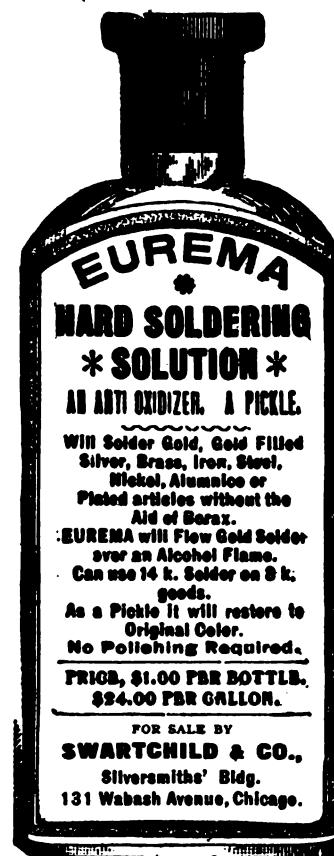
Somerset, Pa. July 21 18902.

To Messrs Swartchild &amp; Co.

Chicago Ill

Gentlemen:-

We are in receipt of goods and find everything very satisfactory as ordered. The "Eurema" is just fine, and does its part in perfection. The Balance Staffs fit perfectly and think we could not get better ones at any price. They are worth the money you have given them.

Respectfully Yours  
H. B. Bro.

Hundreds of similar testimonials!

## "OUR PERFECT"



**Balance  
Staffs,**



**Balance  
Jewels,**

For all American Watches.

Price, Gray Balance Staffs,	-	-	-	\$1.25	per dozen.
" Polished "	"	"	"	1.50	" "
" Cock and Foot Jewels,	-	-	-	1.50	" "

# SWARTCHILD & CO.,

Watchmakers' and Jewelers'

Supply House,

Established  
1879.

The Silversmiths' Building, 131-137 Wabash Ave., CHICAGO, U. S. A.



JOBING STONES. LAPIDARY WORK.

WE BUY AND SELL

**PEARLS****HERMANN & CO.,**MASONIC TEMPLE, CHICAGO,  
PRECIOUS AND IMITATION STONES.**FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.**

No. 809—131-137 Wabash Ave., Chicago.

Eastern Branch. 51 Malden Lane, New York.

BEST PRICES PAID FOR PEARLS.

F. C. KLEIN.

EMIL KLEIN.

**F. C. KLEIN & BRO.,**

126 State St.,

CHICAGO.

**Steam  
Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters,SPECIAL ORDER AND JOB WORK  
A SPECIALTY.

80 E. Madison St., Chicago.

**AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

1616 MASONIC TEMPLE, CHICAGO.

Diamonds, Special Bargains on Approval. 1 Carat,  
\$50.00. Recutting. Fine Mountings. Try us.  
90 Madison St., Chicago.**An Economical Luxury.**CHEAPEST IN EXPENSE, MOST SATIS-  
FACTORY. SEARCH-LIGHT VAPOR LAMPS  
FOR ANY USE. ARE RIVALLED ONLY BY  
SUN LIGHT.

Search-Light Mfg. Co., 162 Division St., Chicago

**Kansas City.**

## TRADE CONDITIONS.

The past week has brought considerable hot weather to this city, but still trade is comparatively brisk with the retailers. The manufacturers are all very busy, with good prospects. Out in Kansas the corn and sunflowers are blooming, and this year will probably see a record-breaking crop of corn, although the wheat and oats here are somewhat disappointing as to quality on account of much unseasonable cold and damp weather during the month of June.

W. J. Gurney has left for Los Angeles, Cal., on his vacation.

Gurney & Ware have just had their store elegantly redecorated and otherwise improved.

H. C. Clevidend has left for a month's vacation, which he will spend in northern Illinois.

Harry B. Carswell recently received a visit from his brother, L. C. Carswell, of Mexico.

A. P. Hollar, of the Cady & Olmstead Jewelry Co., is spending his vacation in Colorado.

Samuel J. Huey and wife, Excelsior Springs, Mo., have gone to Colorado on a pleasure trip.

Frank J. Hartley, the instalment jeweler of Kansas City, Mo., has given a realty mortgage for \$4,250.

The C. B. Norton Jewelry Co., Kansas City, Mo., has found it necessary, on account of the increase in business, to increase its capital stock from \$65,000 to \$100,000.

The Jaccard Jewelry Co. has made a large silver loving cup for the Kansas City Golf Championship. It bears the names of the "Kansas City Country Club" and the "Evanston Golf Club."

On Aug. 5 the local lodge of "Eagles" presented an elegant chest of silver, containing 105 pieces valued at over \$200, to their "Worthy President," Captain J. F. Pelletier, and his wife, the occasion being the twenty-fifth anniversary of their marriage. The sale was made by Gurney & Ware.

Considering the unfavorable season, a large number of out-of-town buyers were in Kansas City last week. Among them were: Louis Megede, Richmond, Mo.; Otto Burkland, Osawatomie, Kan.; Charles Gleason, Holton, Kan.; Clement A. Clement, Springfield, Mo.; George A. Young, Moberly, Mo.; Leslie White, Lee's Summit, Mo.; H. W. Tibballs, Oskaloosa, Kan.; Mr. Roberts, of Roesse & Roberts, McCune, Kan.; T. Shiedstone and wife, Dearborn, Mo.; C. E. Banta, Pittsburg, Mo.; C. M. Gleason, Pittsburg, Mo.; F. M. Cullumbar, Cowgill, Mo.; J. L. Kirkpatrick, Winchester, Kan.

**Minneapolis and St. Paul.**

Bert Duncanson has left Wooley & Shirley, of St. Paul, for a place in Chicago.

J. A. Stohlberg, manager of the jewelry department of the Golden Rule, in St. Paul, is east on a buying trip.

J. M. Bennett, of the Reed-Bennett Co., Minneapolis, is in Chicago. He is accompanied by W. E. Eggleston, of the material department.

Among the visitors from the country during the week were: Thomas Morris, Crookston, Minn.; W. W. Devitt, Corwith, Ia.; Thos. Gates, West Bend, Ia.; F. C. Jarvis, Rice Lake, Wis.; A. L. Mealey, Delano, Minn.

Two women, Clara Banks and Mrs. Clara Banks, were recently arrested in Chicago on information from the police in Minneapolis. They were found to have in their possession 15 watches in a basket and their trunks contained other jewelry, all supposed to have been secured in the Twin Cities. They are accused of being confederates of three colored men arrested in St. Paul, a short time ago, on a charge of committing some of the numerous robberies recently occurring in these cities.

**Salt Lake City.**

Mr. Hodgson, a jeweler of Park City, Utah, has moved his stock to the Carpenter building, in that city.

Leon Mollinelli has severed his connection with the firm of Mrs. Ernestine Lichtenstein and has gone to Ogden to accept a position with John S. Lewis & Co.

H. A. Clark, United States keeper of Indian stores at Fort Duchesne, Utah, was acquitted on the charge of threatening to kill, preferred by Loftis Bros. & Co., Chicago,

**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**Order direct from us and get "HIGH  
QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.Columbus Memorial  
Building,

103 State St., Chicago, Ill.



Trade-Mark.

Room 260  
Columbus  
Memorial Building103 State Street  
Chicago, Ill.

EUROPEAN OFFICE

Dorus Van Praag  
9 Rue Milton

PARIS, FRANCE





Ill., from whom he contracted to buy a diamond on the instalment plan, but who refused to give him the gem after he had made a \$90 payment and signed a contract. Clark tore up the contract and was arrested for making threats. It is said that he will bring suit for damages against Loftis Bros. for false imprisonment.

Charles Stevenson, alias Savage, who was involved in the Lowenthal \$10,000 diamond robbery at Portland, Ore., was recently arrested in Denver and brought to Salt Lake by P. O. Inspector Sharp on a charge of robbing the Salt Lake post office, July 30, 1901, when registered packages containing about \$800 in money and considerable jewelry were stolen. The case against Savage, says Mr. Sharp, is practically conclusive. He is held under \$5,000 bail.

### Cincinnati.

#### TRADE CONDITIONS.

The jobbers are pleased with the present business and outlook and one of the most auspicious indications of a boom is that most of the travelers who started out two weeks ago have returned home to restock, as their lines became too much depleted to allow them to continue their trips. This was never done at this season of the year so merchants are encouraged to believe that business this Fall is going to exceed all previous years.

Jonas Wise, of Frohman & Co., returned last week and celebrated his 32d birthday with a number of friends.

A negro recently attempted to break the window of Louis Hohnneck's jewelry store, 233 Broadway, but was frightened away.

Mr. Jacobs, of L. Gutmann & Sons, has returned from an extended trip through Arizona and California, visiting some mines in which his firm is interested.

The force of Gustave Fox & Co. have re-organized their base ball team and are now open to engagements. They had an exciting contest with the I. Dorst & Co. team recently.

Theodore Neuhaus & Co. have just turned out for one of their southern customers one of the handsomest special medals ever made. The medal is diamond mounted, chased and has raised gold work.

Joseph Banks, a veteran pearl fisher of

this vicinity, returned last week from a trip through the State and reports the greatest find he has ever made. Mr. Banks has brought to this city some of the finest fresh water pearls the jewelers here have ever seen.

Gustave Fox has brought suit against Wm. Newman, a traveling man of this city, on the charge of obtaining two diamonds under false pretenses. The man told Mr. Fox his sister was engaged to a Texan and he wanted to purchase a diamond ring for her. He obtained two handsome solitaires to send to his brother-in-law-elect to make a selection. The diamond rings were sent on to Texas and three weeks went by with no news of the diamonds and Mr. Fox hunted up Newman and demanded some explanation. He was put off on some pretext, he says, and he waited a little longer and demanded either the rings or the money. Getting out of patience with his customer's excuses Mr. Fox sought the aid of the police. He found one of the stones had been pawned at Phillips's pawnshop, but was redeemed only recently. Mr. Fox claims he is ready now to prosecute Newman and that he will cause his arrest this week.

### Denver.

W. H. Brammon, Loveland, was in Denver last week.

T. J. Lewis, of the Lewis Jewelers' Supply Co., has just returned from a successful trip through the western part of the State, and Utah and Wyoming.

James E. Lewis, of the Lewis Jewelers' Supply Co., has started on his vacation. He will be away some time, taking a trip

through Arizona, New Mexico; and all the Pacific Coast States before returning to Denver.

Ralph M. Beaman, formerly with J. Solomon, has accepted a position as watch repairer with Boyd Park. Frank Cochran, formerly with Boyd Park, has gone to work for J. C. Bloom & Co., and J. B. Broadus with the Bohm Bristol Diamond Co., goes to J. Solomon.

### Cleveland.

An upright show case, belonging to J. H. Heiman, 144 Euclid Ave., was wrecked by a runaway horse Thursday morning.

## "THE EBONY KING."

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the  
United States.

Prices positively the lowest.  
Catalogue Ready August.

**Fine Fans and Jewelry.**

**IF YOU send me five or more  
watches to repair at one  
time, I give 5% discount.**

**DEMAGNETIZING.**

**WILHELM K. SANDBERG,**  
WATCHMAKER,  
Columbus Memorial Bldg., CHICAGO.  
SEND FOR PRICE-LIST.

**American and Swiss  
Watches.**

**Diamonds and Precious  
Stones.**

**Silver Novelties.**

**Sterling Silverware.**



**California Jew-  
elry Factory.**

**Quartz Jewelry.**

**Jewelry of Every De-  
scription.**

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

**509-511-513 Race St.,**

**CINCINNATI, - - - OHIO.**



**DRACKETT & JEHLINGER**  
JEWELERS - CHICAGO



20th  
Century  
Concern.

92-98 State St.

## NOW READY

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett & Jehlenger,**  
JOBBER JEWELERS,  
Stewart Bldg., CHICAGO.

## Cash for Stocks. Stocks for Cash.

Boss, Dueber, Crescent, and Essex cases bought from stocks; readily pass for new; in first-class condition. Biggest money makers on earth.

18 size, 14 K.,	- -	\$5.00
18 size, O. F.,	- -	5.00
16 size, hunting,	- -	5.50
16 and 18 size, O. F., jointed,	- -	4.75
12/6, hunting,	- -	4.25
12/6, O. F.,	- -	3.00
16 and 18 size, S. B. & B.,	- -	2.50
18 size, nickel cases,	- -	.35

Send your orders early. These bargains will not last long. Complete price-list and catalogue mailed on application.

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

### San Francisco.

A. Eisenberg & Co. have just received a new line of Fall goods.

Emile Hirschfeld, of Emile Hirschfeld & Co., has returned from a trip to New York City.

Mr. Floberg, of the firm of Clunie & Floberg, has returned from a two-weeks' fishing trip to Lake Tahoe.

Mr. Keller, formerly with the Baldwin Jewelry Co., has accepted a position with Radke & Co., on Market St.

J. A. Hammersmith, of Hammersmith & Field, is making his Summer headquarters at the Maskey ranch, near Fortuna.

A. I. Hall, of A. I. Hall & Son, recently returned from a Summer outing spent on the Truckee river, near Lake Tahoe. He reported a large catch of mountain trout.

A. I. Hall & Son are getting out a 300-page catalogue. The territory covered by their traveling men extends from British Columbia to Mexico, and includes Montana and Utah.

Schumacher & Co., in the Market St. front of the Palace Hotel, are exhibiting a large line of Knights of Pythias badges, in anticipation of the conclave, which takes place in this city this week.

Ehrenberg & Wurfheim's base ball team recently defeated the nine of the Y. M. H. A. at Golden Gate Park, the score being 14 to 7. An exceptionally clever play was made by Louis Kahn, with Emile Hirschfeld & Co.

Among the recent visitors to the trade were Chas. J. Noack, Sacramento; E. A. La Porte, Visalia; Mrs. A. P. Hall, of Anson P. Hall & Co., Visalia; M. Saier, Fresno; A. M. Markheim, Stockton, and J. Martin, Santa Clara.

### Pacific Coast Notes.

Edwin E. Wood, Modesto, Cal., has finished engraving the beautiful gold-lined silver loving cup, which he presented to the winner of the recent second single handicap tournament of the Modesto Tennis

Club. The cup has Grecian handles, and is beautifully engraved. The following inscription is on the face of the body of the cup: "Second Single Handicap Tournament. Modesto Tennis Club. Won by J. C. Cavell, July 20, 1902."

James Dupen, who had been watchmaker at Jacob C. Wahlen's jewelry store at Petaluma, Cal., has resigned that position, and secured a position in a large jewelry store at San Jose, Cal.

Geo. F. Schall, Winslow, Ariz., was recently in Flagstaff, Ariz. Mr. Schall is watch inspector for that division of the Santa Fe, and his duties require frequent trips over the road from Winslow, Ariz., to the Needles, Cal.

George Jordan, Redlands, Cal., has received the badges which the local Elks will wear, who are going to attend the Grand Lodge at Salt Lake. The badges are very handsome pieces of jewelry. There is a purple ribbon for the base, with a bar at the top supporting an elk's head. In gold letters on the ribbon are the words, "Redlands Lodge, No. 532. B. P. O. E. California to Salt Lake, 1902." Under the lettering on a plate of celluloid is a representation of a box of "Redlands Navel Oranges."

### Pacific Northwest.

#### TRADE CONDITIONS.

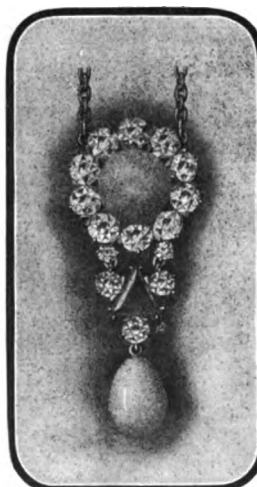
Notwithstanding the hot weather, which has caused many people to leave for the cooling breezes of the seashore and mountain resorts, the jewelry trade continues good. July business was much larger than the same month last year. Many tourists are in Portland, Ore., and they seem anxious to take away with them some souvenir of their visit, and this trade has been quite a snap for the jewelers. Many large sales of diamonds and stones are noted for the past month. Great preparations are being made for the Elks' carnival to be opened in September. It is expected that several thousand visitors will be in the city during its progress, as special rates will be made by the several railroads between Portland and all principal points throughout the North Pacific Coast. A great time is looked for and the trade expects big business.

G. Neninghausen, watchmaker, Seattle, Wash., has devised a neat souvenir for the carnival to be held there. It is a cup of

ESTABLISHED 1854.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.



white metal, some four inches high, embossed upon its sides with representations of Snoqualmie Falls, Chief Seattle, the city water front, the totem pole and Princess Angeline, daughter of Chief Seattle.

W. R. Loomis, Ontario, visited Payette, Idaho, recently.

Louis Klodt, Seattle, Wash., has moved his stock to 114 James St.

Hyer & Burnett, who conducted a jewelry store at Roslyn, Wash., have removed to Lewiston, Idaho.

G. F. Cohn's jewelry store at Pomeroy, was recently damaged by fire to the extent of \$500. The stock was insured.

B. N. Butler, Medford, Ore., has removed his stock to new and more commodious quarters in the Palm & Bodge block.

Reider & Hensler's jewelry store at Prosser, Wash., was recently entered by burglars who stole a quantity of watches, rings, etc.

### Indianapolis.

Wm. Doering recently closed out his jewelry store at Syracuse, Ind.

Charles W. Lauer, of Charles W. Lauer & Co., was kept busy last week, adjusting a fire insurance claim. While recently sitting with visitors on his front porch he was startled by a cry of fire, and the discovery that his roof was in a blaze. The loss from fire and water amounted to over \$800.

On the evening of August 4 a thief en-

tered the jewelry store of Charles A. Bassett, 213 Indiana Ave., and stole a tray of diamond rings, valued at \$250, fourteen gold watches, valued at \$350, and an opal ring, worth \$85. Entrance was gained through a back window that had been pried open. Bassett claimed that he had not been out of his store over five minutes. No clew has been obtained.

### St. Louis.

#### TRADE CONDITIONS.

The retail trade has been better the past week than it has been for some time. Quite a little amount of business has been done and the retailers are in better humor. The wholesale trade has started. The salesmen of all the wholesale houses started out about the 1st of August, and are now beginning to send in orders. The orders are larger than were expected.

Miss Lulu Knipe eloped to Chicago, June 2, and was married to Armin Eilbracht, salesman for the R. Loewenstein Jewelry Co., of this city. The marriage has been kept a secret ever since and it was only through the treachery of a girl friend that it became known. There was no objection to the marriage, but it was done only as a bit of romance. Mr. Eilbracht is traveling in Indian Territory and does not know that his marriage has been made public.

The basket picnic and outing of the Retail Jewelers' Association, recently held in this city, proved a magnificent success. A large number of tickets were sold for the affair.

### Louisville, Ky.

#### TRADE CONDITIONS.

The warm weather has taken a great many people away from town, and this is felt by the trade, though quite a few nice sales have been made in the past week.

Brainard Lemon and family are away on a vacation.

The traveling men have been much in evidence, from eight to 10 arriving here daily.

Geo. Wolf, a very prominent Elk, accompanied the Louisville delegation to Salt Lake City.

Nearly all the jewelers are remodeling their stores in some way and Louisville will soon have some of the prettiest stores in the country.

John F. Zmut, a jeweler of 334 E. Market St., recently filed a petition in bankruptcy, with unsecured liabilities of \$3,706.74. His total assets are listed at \$615. He claims exemptions on \$30 worth of household property and has a number of small creditors.

H. Gattle, 65 Nassau St., New York, has his new Fall line of fine diamond mounted goods now ready. The line comprises many original designs in pendants, rings and le-vallieres. All the articles in the line are of high grade workmanship and the precious stones have been specially selected with a view to satisfying the most critical buyers.

F. K. Phillips, Phillips, Wis., has begun business in his new building.

# HIGH ART DIE CUTTING.

**THE** DIE CUTTING MACHINE  
IS PATENTED, BUILT  
AND SOLD BY

**KELLER MECHANICAL ENGRAVING CO.,**

**570-576 WEST BROADWAY, NEW YORK.**

**FREE** WITH EVERY MACHINE. THE BENEFIT OF OUR VAST EXPERIENCE!

**PURCHASERS AND SELLERS OF INFRINGEMENTS WILL BE PROSECUTED.**



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## Special Notices.

Payable invariably in advance.  
 Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.  
**SITUATIONS WANTED, i.e. a word each insertion; minimum charge, 25c.**  
 Heavy type, double regular rates.  
 Display cards on this page, \$2.00 per inch.  
 In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

ENGRAVER—Letter and monogram. Address Blitz, 129 E. 15th St., New York.

WATCHMAKER and clock repairer, single man, 12 years' experience, no engraver; moderate salary; Ohio or Pennsylvania preferred. Address Box 258, West Branch, Mich.

SITUATION WANTED, young man, graduate optician, watchmaker and engraver; references, fine tools, trial case, etc.; honest and reliable. Mark L. Mason, Indianapolis, Ind.

AN EXPERIENCED mounting salesman is open for engagement in city or on the road; thoroughly acquainted with the trade, and is a hustler. X. V., care Jewelers' Circular-Weekly.

YOUNG MAN with 15 years' experience, fine references and tools, desires situation as watch, clock and jewelry repairer; American French. A. J. Provencher, E. Pepperell, Mass.

YOUNG LADY as double-entry bookkeeper; seven years' experience with watch and diamond house; able to take charge of office. Address "Bookkeeper," care Jewelers' Circular-Weekly.

SITUATION WANTED by first class letter engraver; can also do jewelry repairing; 16 years' experience; can furnish samples. Address "K. 55," care Jewelers' Circular-Weekly.

YOUNG MAN, experienced, and speaking German, for inside and outside and short trips; would connect with manufacturer; references. "German," care Jewelers' Circular-Weekly.

REFINER, young, 17, strong and willing, well experienced in assaying, refining and smelting, seeks position with refiner or jeweler; city or country. I. N., care Jewelers' Circular-Weekly.

BY LADY, graduate optician, experienced, skillful, competent saleslady, educated business woman; own instruments for examining eyes; satisfactory references. "Optician," Box 788, Houston, Tex.

POSITION as traveling salesman; 15 years' experience with the trade in the west, Wisconsin, Minnesota, Iowa, Nebraska to the coast; A1 references. Address H. D., care Jewelers' Circular-Weekly.

FIRST CLASS WATCHMAKER, 24 years' experience, A1 on high grade watches, fine engraver and jeweler; steady, sober, industrious; open by Sept. 1. W. Raymond, General Delivery, Pittsburgh, Pa.

WANTED, road position with a good house, by a young man 27 years of age, of prepossessing appearance and well versed in jewelry, watches and diamonds; good salesman and a hustler; best of references. Address "R. X. V.," care Jewelers' Circular-Weekly.

WANTED POSITION as foreman or manager; silver novelty manufacturing concern preferred, by a man 80 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

SITUATION WANTED by expert watchmaker and engraver; competent on chronographs, repeaters and railroad watches; good salesman; sober and reliable; convincing references; 20 years' at the bench; don't answer unless you can pay \$25 per week with a permanent position. Address J. J. Leonard, Cairo, Ill.

WANTED, traveling position next January; 17 years' experience in retail jewelry store as watchmaker and salesman; past six years with Perry & Stone, New London, Conn.; other references with Mr. Tunison, 84 Maiden Lane, New York; any territory; American, age 35. A. T. Hatch, care Perry & Stone, New London, Conn.

WILL ENGAGE Oct. 1: Fine watchmaker and all around man, especially expert in railroad, fine and complicated Swiss watches; a superior salesman in any department, correct in habits and strictly business; an opportunity not frequently offered to secure the man you want; a pleasant, permanent position and best salary only; references the very best; New York or Southern city. John H. Harris, 181 S. 10th St., Philadelphia, Pa.



## Help Wanted.

**WANTED**, at once, a first class jewelry jobber and stone setter; permanent position. Address Mather Bros., New Castle, Pa.

**WANTED**—An experienced watchmaker for a permanent position; must be a thorough mechanic. Address "Manufacturer," Box 845, Woodville, Ohio.

**WANTED**—Young manufacturing jeweler and engraver on jobbing and new work, to take charge of shop. S. W. Eckley, 921-923 S. Adams St., Peoria, Ill.

**WANTED, WATCHMAKER**; must be fine workman, no other need apply; best references required. Address E. W. Button & Co., Bridgeport, Conn.

**EXPERIENCED OPTICAL CLERK**, living in New York City or suburbs, wanted by R. L. & M. Friedlander, 80 Maiden Lane, New York; inquire in rear.

**WANTED**—YOUNG MAN about 20 years of age as stock clerk in large jobbing house; must be experienced and have first class references. Z. L., care Jewelers' Circular-Weekly.

**WANTED**, by Oct. 1, or earlier, a first class jeweler and engraver; give references, state wages wanted and enclose sample of engraving. Address "Position," Box 888, Richmond, Va.

**WANTED**, thoroughly competent watchmaker and engraver; state qualifications, age, married or single, and wages asked; permanent position. E. R. Mason, 69 Court St., Binghamton, N. Y.

**WATCHMAKER**, jewelry repairer and refracting optician; must own tools; counter experience necessary; give age, experience, nationality and references. R. E. C., care Jewelers' Circular-Weekly.

**WANTED**—A1 watchmaker who can do good engraving, and willing to wait on trade; permanent position; send sample of engraving, and references. Hopkins & Witty, 864 Main St., Duquesne, Pa.

**WANTED, SALESMAN**, having some experience in optical line for city and short trips in New York State. Address, stating experience and salary expected, "Ability," care Jewelers' Circular-Weekly.

**WANTED**—A good hustling salesman, with A1 references, having a large acquaintance of the trade, to carry a fine line of umbrellas, especially for the jewelers' trade. Address The National Umbrella Co., Cleveland, Ohio.

**TWO WATCHMAKERS WANTED**—Must understand engraving and be good salesmen in the store; middle age; wages to begin, \$12 weekly; permanent; answer, stating experience, age, if married. R. F. Pickert, 9 East Falls St., Niagara Falls, N. Y.

**WANTED**—A WATCHMAKER and engraver; young man and single preferred; steady position to the right man in one of the largest stores in New Jersey. Address, with references and samples of engraving, Emil Dreyer, Room 4, 71 Nassau St., New York.

**MANAGER** for old-established jewelry store near New York City; wide-awake, pushing young man who has had experience in similar position; first class reference only considered; good salary and good position to the right party. Address L. B., care Jewelers' Circular-Weekly.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19" care Jewelers' Circular-Weekly.

**WANTED**—By a prominent jobber in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1903. Box 91, care Jewelers' Circular-Weekly.

**WHOLESALE JEWELRY AND WATCH BUSINESS**, three travelers wanted by a New York firm; one for New York, Pennsylvania, New Jersey and Connecticut; one for the Middle West, also New England States; one for New York City and suburbs; applicants must command a large and lucrative trade in above places, in a general line of goods kept by jobbers, such as gold card jewelry, gold rings, diamond mounted jewelry, watches and loose diamonds; none others need apply; state territory, experience, etc.; position can be filled now or Jan. 1, 1903; all correspondence confidential. Address "Chance," care Jewelers' Circular-Weekly.

A NEW YORK wholesale house, desiring to issue a small illustrated catalogue of watches and jewelry, requires the temporary services of some one (male or female) who has had experience in this work; none others need apply; applicant must live in New York or suburbs; state experience. "Catalogue," care Jewelers' Circular-Weekly.

**HUSTLING SALESMEN**, selling to the jewelers and department stores, can earn from \$25 to \$50 per week with our side line of 14 karat gold filled rings; our own manufacture; we put up goods for the trade in beautiful display show cases and trays; samples are easily carried; commission, 20 per cent.; state territory traveled and references of firm employed with. Address Arnstine Bros. & Mier, 533 Rose Bldg., Cleveland, Ohio.

## Business Opportunities.

**DO YOU WISH TO RETIRE?** Will buy your surplus or entire stock of diamonds, watches, and jewelry quickly for spot cash; correspondence strictly confidential. Address Chas. Jacobs & Co., 22-24 Lispenard St., New York City.

**WANTED**—Young manufacturing jeweler with \$1,000 capital to open up a shop; will invest 2 to 1. "Hustler 19," care Jewelers' Circular-Weekly.

**WILL SELL** modern jewelry store; new stock, no chestnuts, nice line of cut glass, in best town in Michigan; copper country; if you can invest \$4,000, write G. M., Calumet, Mich.

**JEWELRY PLANT**—Fully equipped jewelry plant; lathes, presses, rollers, draw bench, polishing lathes, benches, two safes, office furniture, etc.; terms easy. H. G. Lefort, 60 Arlington St., Newark, N. J.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**FOR SALE**—Jewelry and optical business; must sell at once on account of other business; located in one of the healthiest parts of Colorado; terms cash or bankable papers; no discount; good clean stock, good location; stock from \$3,000 to \$4,000. "Investigate," care Jewelers' Circular-Weekly.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

## For Sale.

**FOR SALE**—Fine glass partition and four jeweler's trunks, cheap. Room 17, 37 Maiden Lane, New York.

**FOR SALE**—A first class optician's test case (Audemair); going out of business; can be seen any day after 5 p. m. Call. S. H. Gittleman, 79 Orchard St., New York.

**FOR SALE**—SIGNS. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

## To Let.

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**TO LET**—LIGHT ROOM with four windows at reasonable rent. I. Castagnette & Son, 20 Maiden Lane, New York.

**TO RENT**—BENCH ROOM to a good watchmaker in a material house; German preferred. Address "F. 6," care Jewelers' Circular-Weekly.

## Miscellaneous.

**BUYING FOR CASH** entire stocks of jewelry or surplus; highest references; established 1890. S. Less, 35 Prospect St., Brooklyn, N. Y.

**GOLD SOLDERING** made easy; on receipt of \$1 the undersigned will send full printed instructions, how to make and use, the finest gold soldering solution in the land. D. L. Cleeland, Jeweler, 125 S. Main St., Butler, Pa.

**TO JEWELERS** and jewelry clerks; do you put photographs on watch cases? Yes, sir. Now, of course we know you send this work away to have it done; why not do it yourself? We make all chemicals and show you how to do the work; also to put photographs on china, silk, linen, etc. All jewelers should know how. Do you? Send 2c. stamp for illustrations and full particulars. North Shore Mfg. Co., P. O. Box 166, Lynn, Mass.

## Very Desirable Small Office TO LET

In the Stevens Building,  
3 Maiden Lane, N. Y. Apply to Superintendent.



## FOR SALE.

### A 24 Dial Clock,

12 Dials on each side, 28 inches in diameter, Mercury Pendulum hangs 25 inches below clock, which is hung in wrought iron bracket, 30 inches from side of window. Clock runs by weight.

PRICE \$200.

Address,

SARAH DICKINSON WOOD,  
NIAGARA FALLS, N. Y.



## JUST OUT.

THE 1902-3 EDITION OF

The Jewelers' Circular-Weekly

# Vest Pocket Directory

of the Jobbers and Manufacturers in the Jewelry and Kindred Trades.

A HANDY, CLASSIFIED LIST FOR BUYERS.

Price 50 Cents.

The Jewelers' Circular Publishing Co.,  
11 John Street, . . . New York.





## A VEST Pocket Opera Glass Only Half an Inch Thick.

"LaReine" is a folding opera glass that can be carried in the vest pocket.

No case is necessary, as the patent-cover and arrangement fully protects the lenses—and makes the glass only about as thick as a two-bite sandwich.

When opened, all side lights are eliminated—the full force of its exceptionally powerful lenses being focused on the object.

Nothing to wear out—can't break in ordinary use.

All metal parts are oxidized.

The cover of genuine black morocco is as durable as it is handsome.

Tell your jeweler or optician to get you one.

**Price, \$12.00.**

Sussfeld, Lorsch & Co., 37 Maiden Lane, N.Y.

### Optical Notes and Briefs.

(Additional Optical News on page 72.)

The National Optical Co., of Cleveland, O., was incorporated in Dover, Del., last Monday, with a capital stock of \$100,000.

D. V. Brown, wholesale optician, leaves Philadelphia, Pa., on Aug. 18 for Boston, Mass., to attend the annual convention of The American Association of Opticians.

Edwin P. Wells, president of the Globe Optical Co., Boston, Mass., went to Bath, Me., Friday, to witness a launching, and returned to Boston on Monday.

J. H. Boyer, an optician of Frankport, Ind., recently involved in a controversy with a physician, has set forth his side of the question in a lengthy discussion published in the western press.

J. B. Sennett, who lately conducted business as an optician in Los Angeles, Cal., has been missing from his home for several days. He has been ill and despondent for some time and it is feared that he has committed suicide.

I. F. Fischer, of the U. S. Board of General Appraisers, is in Berlin, investigating the cost of producing unmounted lenses. It is believed that the inquiry will result in adding 300 per cent. to the valuations made by the German exporters. The duty on the lenses, etc., exported from Germany to the United States is 45 per cent.

The Egolf Optical Co., Harrisburgh, Pa., recently incorporated with a capital stock of \$25,000 to engage in the manufacture of optical machinery and lenses, including Toric lenses, is fitting up a two-story structure in the rear of Mr. Egolf's optical rooms on North Third St., above Briggs, with special machinery, which will be operated by electricity, and the company expects to begin manufacturing very soon. The officers and chief stockholders of the company are: E. L. Egolf, chairman; Edward F. Baum, secretary and treasurer; Adam D. Egolf, manager.

## "THE BRACELET HOUSE." GOLD BRACELETS.

**KENT & WOODLAND,**  
*Successors to Wm. H. Ball & Co.*  
**16 John Street, New York.**

**EVERYTHING IN  
G O L D  
Bracelets**

LEATHER COVERED VELVET & SATIN LINED

\$4.50 per Doz. \$4.50 per Doz. \$5.00 per Doz. \$4.50 per Doz.

PAPER BOXES TRAYS TAGS COTTON FINDINGS

OUR NEW & UNIQUE DESIGNS DIRECT FROM EUROPE

**S. & A. BORGZINNER**

Send for 1 Dozen assorted for \$4.50 and be convinced of their value.

82 and 84 Nassau St. New York.

\$4.50 per Doz.



**New Orleans.**

A. B. Griswold & Co. report that they are making a success of the installment branch of their business.

Coleman E. Adler has renovated and re-decorated his jewelry store, the appointments being among the most elaborate of any establishment in this city.

Charles Greenberg is now settled in his new location, cor. Canal and Camp Sts., and his new store is a great improvement over the one formerly occupied by him.

A prominent restaurateur who had always borne a good reputation, one month ago bought quantities of goods from different merchants of this city and skipped out. Among the victims were T. Hausmann & Sons. Other jewelers had narrow escapes from being caught by the swindler.

**Rochester, N. Y.**

Two young men visited the jewelry store of Alfred Kapman, 207 Joseph Ave., and after their departure the jeweler missed a watch. The matter was reported to the police, who recovered the watch from the mother of one of the young men to whom it had been given by her son. No arrests have been made.

A man who gave his name as Wm. F. McKintzy, and later said it was Kenzie, was arrested, last week, on suspicion of being one of the salesmen who robbed Fred Schmid, of Buffalo, N. Y., of a quantity of watches. Two watches were found in his possession which Mr. Schmid, who came on from Buffalo, identified as his property. The police have held the prisoner for the Buffalo authorities.

**Harrisburgh, Pa.**

C. Ross Boas has his family quartered in their Summer cottage along the Susquehanna river, a short distance above the city.

Edward Shullenberger, of Newville, intends erecting a 2-story residence in Newville this year. He reports business as good.

D. R. Thompson, of 1917½ N. 6th St., took an overland driving trip this week to his old home in Thompsettown, Juniata county.

While temporarily insane through grief over the theft of a satchel containing his stock in trade, consisting of 21 watches and a number of articles of jewelry, Ben Adams, a peddler, committed suicide last week, at the house of J. Waxman, Warren, Pa. When found he was lying on the floor, his left hand clutching a 32-caliber revolver which had made a gaping wound in his left temple. Adams was about 32 years old and has one brother living in Buffalo, to which city the body was taken for interment.

The factory of F. M. & J. L. Cobb, manufacturing jewelers of Mansfield, Mass., was recently damaged by a bolt of lightning which struck a high chimney and one side of the building. C. M. Gay, one of their engineers, was rendered temporarily unconscious by the force of the lightning.

# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

## STERLING NOVELTIES.

Golf Novelties.

Ping-Pong Novelties.

Miniature Cups and Prizes for Tennis, Yachting, Canoeing,  
and all Summer and year-round Sports.

The largest line—

Always up-to-date—

Prices right.

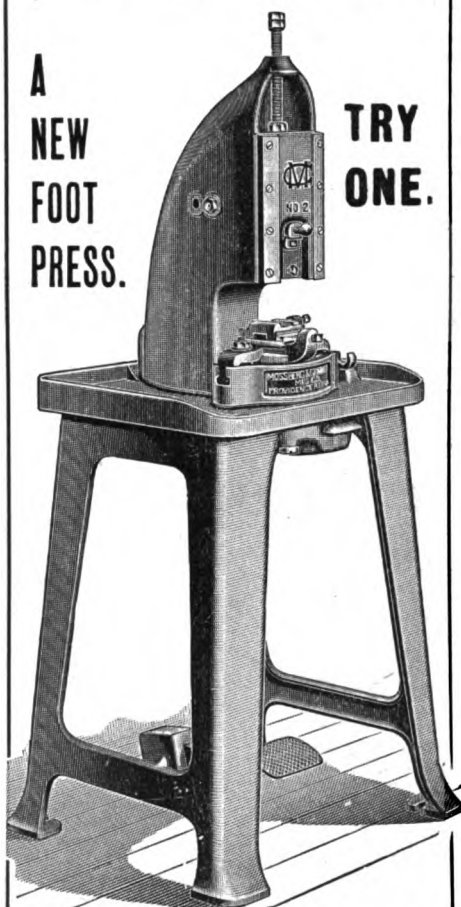
MERRILL BROS. CO., 31 E. 17th St., New York.



# Our Latest Production.

A  
NEW  
FOOT  
PRESS.

TRY  
ONE.



**Mossberg & Granville**  
Mfg. Co., - Providence, R. I.

## CRUCIBLES



Jewelers' Supplies,  
Etc.

Established 1850.

**J. & H. BERGE,**  
95 John Street,  
NEW YORK.

**GEO. P. CAYDOUL,**



Gold Pen Manufacturer,

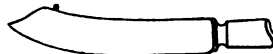
17 JOHN STREET, NEW YORK.

Gold Pens Repaired, Repointed and  
Returned the Day Received

## THE WASHBURN

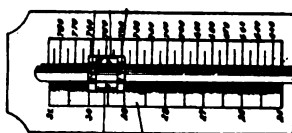
MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

**The Latest Patents.**  
ISSUE OF AUG. 5, 1902.  
**706,107. FRUIT-KNIFE.** CHARLES W. PRENTISS,  
Antrim, N. H., assignor to Goodell Co., An-  
trim, N. H. Filed March 1, 1902. Serial No.  
96,351. (No model.)



A fruit-knife having a curved cutting front edge, and a curved blunt back edge, and a sharp point, and having on the blunt edge, near the point, a short sharpened parting-blade at an angle with the blunt back, and lying in the same plane with the blade proper.

**706,112. BAROMETER.** ALFRED L. ROBBINS, Chi-  
cago, Ill. Filed Sept. 30, 1901. Serial No.  
77,043. (No model.)



In a barometer, in combination, a tube; a barometric column in said tube; a bracket having a shoulder for supporting said tube, also having an elongated opening in its upper end; a clip adapted to guide said bracket; and a thumb-screw extending through a threaded opening in said clip for engaging said bracket to bodily raise and lower said tube to provide for the expansion and contraction of said column.

**706,140. FOUNTAIN-PEN.** PAUL E. WIRT,  
Bloomsburg, Pa. Filed July 12, 1901. Serial  
No. 67,947. (No model.)



In a fountain-pen, the holder carrying the pen-point, and a tubular feeder having at its lower closed end an offset feeding-foot provided with an expanded capillary attractive surface in contact with the nib portion of the pen-point and constituting the sole external capillary area of the feeder, and also provided with an ink-flowing fissure piercing said surface and communicating with the interior passage through the feeder, the latter being spaced from the pen-point to provide a non-attractive space above said capillary surface and provided within the zone of said space with an air-vent disposed in close relation to the intake of the fissure and more remotely removed from the capillary surface supplied thereby, the passage-way in the feeder being open and entirely unobstructed between the vent and said fissure.

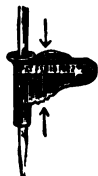
**706,141. FOUNTAIN-PEN.** PAUL E. WIRT,  
Bloomsburg, Pa. Filed Sept. 14, 1901. Serial  
No. 75,406. (No model.)



In a fountain-pen, the holder carrying the pen-bearing section, a full-heeled pen-point fitting within said section and having the edge flanges, a separate detachable top-feeder arranged within the pen-bearing section and extending over the top side of the pen-point, and an approximately cylindrical vented plug having a close fit within the pen-bearing section and also tightly registering within the concavity of the pen-point heel and against the edge flanges thereof, said plug and separate top feeder constituting clamping members for holding the pen-point therebetween.

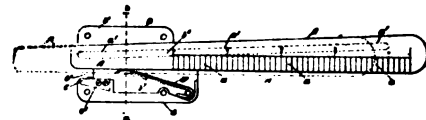
**706,148. MICROMETER.** CHARLES J. BANKS,

TO  
ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



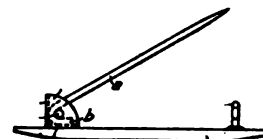
TO  
REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

Washington, England. Filed July 5, 1899.  
Serial No. 722,856. (No model.)  
In combination, a graduated bar A having an inclined edge and provided with a groove  $a^1$  at one side parallel to the inclined edge, and a box B having a recess in which the bar A can slide, one



side of the recess being inclined similarly to the inclined edge of the bar, a projection  $b^2$  for engaging the groove  $a^1$ , and a spring  $b^3$  bearing on the bar, substantially as described.

**706,168. PIN.** GEORGE W. DOVER, Cranston, R. I., assignor to George W. Dover Co., Rhode Island. Filed Dec. 7, 1901. Serial No. 86,102. (No model.)



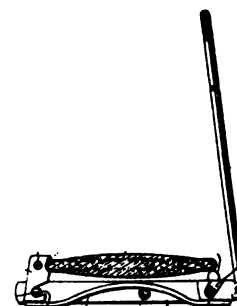
In an article, the combination with a plate, of a housing secured thereto having side walls and an end and bottom wall, a pivot secured in the side walls crossing the space between the same, adjacent to the angle of the housing, and a pin comprising a shank portion having an entering end and a recurved pivoted end, the latter describing a curve of less than a half-circle, said curved end being confined between said pivot and the end and bottom walls of the housing, the extreme end thereof co-acting with the bottom wall of the housing to limit the movement of the pin in one direction, and the major portion of the pin co-acting with the end wall to limit the movement of the pin in an opposite direction.

**706,204. WATCH-WINDING DEVICE.** GEORGE M. SAWYER, Schroon Lake, N. Y. Filed July 31, 1901. Serial No. 70,388. (No model.)



In a winding attachment for watches, the combination with a winding-stem and its head, of a cap hinged to the head, a pin carried by the cap having a notched edge and a protuberance on the head engaging the pin.

**706,364. WATCHMAKER'S EYEGLASS.** HOR. MIDAS TREMBLAY, Southbridge, Mass. Filed Dec. 28, 1901. Serial No. 87,320. (No model.)



A watchmaker's eyeglass comprising a two-part frame having its members spaced apart by permanently-secured rivets, a spring held in place by the rivets, and a lens-ring and an eye-ring each carrying a lug provided with an angularly-disposed slot to

## SECURITY FOR SCARF PINS, ETC.

HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS—  
PLATED, \$1.75 DOZEN. 14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

C. IRVING WASHBURN, SOLE MANUFACTURER  
12-16 JOHN STREET, NEW YORK.



engage the respective rivets, and bearing at their ends upon the terminals of the spring.

**706,372. TIME DAMPER MECHANISM.** GEORGE E. ARCHER, Nutley, N. J. Filed March 4, 1902. Serial No. 96,687. (No model.)

The combination with a clock mechanism of a tripping device comprising a lever with an operating arm connected with the clock, and a locking arm having a notch and beveled tip, a slidably-mounted arm having a notch to engage the notch the guide for said arm, and a lever having arms, one of which is coupled to the sliding arm.

**706,370. GEM-SETTING.** ROBERT S. BIEBER, Brooklyn, N. Y. Filed March 27, 1902. Serial No. 100,289. (No model.)



In a gem-setting and in combination with a gem having converging sides or facets forming laterally-projecting edges, a band arranged on said converging sides of the gem above the projecting edges thereof as shown, and means forming a part of the gem-seat adapted to engage the said band.

**DESIGN 35,946. BADGE.** MICHAEL J. KANE, Buffalo, N. Y. Filed May 6, 1902. Serial No.



106,232. Term of patent  $8\frac{1}{2}$  years.

**TRADE-MARK 38,703. COLLAR-BUTTONS.** WILLIAM J. SMITH, New York, N. Y. Filed June 26, 1902.

## SAMPSON

The word "SAMPSON." Used since Jan. 15, 1902.

## EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIRCULAR—WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C., who will furnish complete copies of patents at the rate of 10 cents each.]

Issued Aug. 4, 1885.

**323,449. CUFF-HOLDER.** ALBERT SCHIFFLING, Indianapolis, Ind.

**323,543. PIN-TONGUE FOR BREASTPINS.** ADOLPH THOMMER, New York, N. Y.

**323,540. CUSHION FOR EYEGLASS NOSE-GUARDS.** G. W. WELLS, Southbridge,

Mass., assignor to The American Optical Co., same place.

**323,559. CUFF-HOLDER.** D. W. BROWN, Woodbridge, N. J.

**323,577. CLOCK-STRIKING MECHANISM.** CARL HAHLEWIG, Stettin, Germany, assignor to Gebrüder Zunghaus, Schramberg, Germany.

**323,598. CARD-HOLDER.** S. N. ROSENBAUM, New York, N. Y.

**323,648. NECKTIE RETAINER.** J. A. ESHLEMAN, Philadelphia, Pa.

**323,649. HAND-MIRROR.** A. C. ESTABROOK, Florence, Mass., assignor to the Florence Mfg. Co., same place.

**323,654. WATCH-CASE.** R. E. FENNER, Chicago, Ill., assignor to C. K. Giles, same place.

**323,688. BROOCH.** R. R. HUG, Cincinnati, O.

**323,736. EYEGLASSES.** J. W. RIGLANDER, New York, N. Y.

**323,759. COMBINED SAFETY-PIN AND BUCKLE.** J. M. WETHERELL, Chicago, Ill., assignor of one-half to Alice B. Stockham, same place.

**323,777. WATCH-MOVEMENT.** A. D. BINGHAM, New Haven, Conn.

**323,795 and 323,796. SETTING MECHANISM.** W. E. DOOLITTLE, New Haven, Conn., assignor to New Haven Watch Co., same place.

**323,798. ORNAMENTAL COMB.** J. G. EISKLY, Philadelphia, Pa.

**323,802. MUSTACHE PROTECTOR.** L. B. FRANCE, Denver, Col.

**323,811. FAN.** E. W. HOEFLE, New York, N. Y., assignor to Schener & Bro., same place.

**323,852. WATCH-PLATE.** S. T. J. BYAM, New Haven, Conn.

**323,862. ORNAMENTAL CHAIN.** B. F. EVANS, Attleboro Falls, Mass.

**323,870. NECKTIE FASTENING.** B. F. HUTCHES, JR., Galveston, Texas.

*Design issued July 31, 1888, for 14 years.*

**18,488. DIAL.** R. B. CARR, Boston, Mass., assignor of one-half to E. Howard Watch and Clock Co., same place.

*Design issued Aug. 6, 1895, for 7 years.*

**G. P. TILTON, Newburyport, Mass., assignor to Towle Mfg. Co., same place.**

*Design issued Jan. 31, 1899, for  $8\frac{1}{2}$  years.*

**30,086. GLASS VESSEL.** T. B. CLARK, Honesdale, Pa.

Joy W. Dresser, Postville, Ia., is seeking desirable quarters in which to open a jewelry store.

C. B. Pike, Whitehall, N. Y., has purchased the building at the corner of Canal and Church Sts., where he will open a jewelry store.

## · AVOID · BUSINESS DISPUTES

# The HANO BILLING— CHARGING SYSTEMS

Salesmen can call promptly.

PHILIP HANO & CO.,  
Manifold Books and Carbon Papers,  
1 & 3 Union Square, New York,  
315 Dearborn Street, Chicago.

## · INVOICES COPIED WHILE WRITING ·



## THE PRINCESS CANDLE LAMP LATEST AND BEST.

Has many advantages  
over other styles now  
in use.

Sample by Mail. 35c.

Send for Wholesale  
Prices to

**A. N. FUNKE,**  
101-103 Duane St.,  
NEW YORK.

# "The Dover Improved"

## PIN TONGUE AND JOINT.



Patent Allowed.



You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

**SPECIAL**—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

**SAMPLES SENT FREE TO ANY ADDRESS IN THE WORLD.**

# GEORGE W. DOVER CO.,

80 Clifford St., Providence, R. I.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.

The Largest Makers of Metal Orna-  
ments, Jewel Settings and Jewelry  
Components in the World.



## TO KNOW THEM

IS

## TO WANT THEM.

Want to make a good reputation for yourself? See our line of carved rings. Your customers appreciate good goods, then appreciate your customers' custom by selling them that sort. Our line of carved rings is all of that carefully made kind which cause a customer to say instantly upon seeing them, "Here is just what I've been looking for." It is really surprising the amount of ring goodness we put into our One Dollar a dwt. 10-k. Line. Our gents' set rings are just as good, but cheaper—80c. a dwt. in 10-k. We make all styles. No matter what you want for a man you need look no further. If you think you need anything, write for a memo package. It's yours for the asking. Remember: Every ring is as good as the sample.

### M. MANNIST & CO.,

Ring Builders for Men,

57 Maiden Lane, NEW YORK.

### HIGHEST PRICES

PAID FOR

### American Pearls

MAURICE BROWER,

12-16 John St., New York.

### LEATHER FOBS.

Write for the most complete CHAIN CATALOGUE ever issued.

SEAMLESS WIRE MFG. CO.,

37 and 39 Maiden Lane, NEW YORK.

Write for terms. Only limited Number of Pupils Taken.

### MINNEAPOLIS School of Engraving,

411 Lumber Exch. Bldg.

Personal Instruction by Expert Instructors. Engraving Taught in all its Branches. Day and Evening Classes. MINNEAPOLIS, MINN.

ESTABLISHED 1850.

### HERMAN KOHLBUSCH Sr.

Manufacturer of  
Fine Balances and  
Weightsfor every purpose where  
accuracy is required.Office and Salesroom,  
194 BROADWAY,

SEND FOR PRICE-LIST. Tel. 870 Cortlandt. NEW YORK.

## BUYERS' INFORMATION BUREAU.

Questions as to the makers of certain lines of goods, where to buy certain lines, where certain kinds of work are done, the owners of certain trade-marks and other matters relating to the buying branch of a jewelry business will be cheerfully answered under this department. The reader cannot ask too many questions. All queries are also answered promptly by mail.

WASHINGTON C. H., O., July 17, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please tell me who sells the L. Lavre Labet chronograph? Yours truly, J. A. W.

ANSWER:—L. Lavre Labet has been out of business for 15 years past and when in business we do not think anyone had his goods for sale in this country.

NEWFIELD, N. Y., July 24, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Kindly tell me who manufactures the Fulton Sign Markers, composed of rubber letters on wood in wooden case. Yours respectfully,

J. M. P.

ANSWER:—The Fulton Rubber Type, Ink & Pad Mfg. Co., successors to the Fulton Stamp Works, 30 Frankfort St., New York.

LANCASTER, O., July 26, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please inform me who makes the all-wood Christopher Columbus clock? It is a wall clock, weight power, pressed wood dial, with Columbus' face on it. It has but one hand and is very cheap. Thanking you in advance.

Yours respectfully,

G. R. C.

ANSWER:—These clocks were made by the Bostwick & Burgess Mfg. Co., Norwalk, Conn.

NEWARK, N. J., July 31, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Can you give us the names of the manufacturers of silver monograms and initials?

Very truly yours,

U. B.

ANSWER:—These articles are made by F. J. Finley, 19 E. 21st St., New York.

BOSTON, Aug. 4, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Where can I buy orange sticks that come in small bundles, and oblige,

A. D.

ANSWER:—Orange sticks may be purchased from Hegeman & Co., 196 Broadway, New York, and McKesson & Robbins, 91 Fulton St., New York.

NEW HAVEN, Conn., Aug. 4, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Kindly let me know where I can get a cameo brooch repaired. A small piece of the shell is broken and lost. Thanking you in advance.

Very respectfully,

C. J. L.

ANSWER:—Repairing of this kind will be

done by L. Bonet, 41 Union Sq., New York.

LEBANON, N. H., July 26, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please send me the addresses of manufacturers of hinged tops and trimmings for inkwells? Also, address of a gold bead manufacturer. Thanking you in advance, I am, Yours truly,

F. A. M.

ANSWER:—The Derby Silver Co., 9 Maiden Lane, and E. G. Webster & Son, 10 Maiden Lane, New York, can supply ink stand tops and trimmings in silver plate, while Marble, Forrester & Co., 45 Maiden Lane, New York, can supply them in sterling silver. A. A. Weeks, 11 Gold St., can also supply such tops and trimmings in nickel. Samuel Moore & Co., 178 Eddy St., Providence, R. I., can supply you with gold beads.

MILWAUKEE, Wis., Aug. 5, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Can you give us the address of the Whitman & Barnes Mfg. Co.? By doing this you would greatly oblige, Yours truly,

THE J. M. J. S. Co.

ANSWER:—111 Chambers St., New York.

### India's Sacred Diamond Fields.

DIAMOND fields in India were known from the very earliest times, says a western daily. In the sacred books of India eight localities are mentioned as yielding diamonds, and of these three have been identified at the present day—Matanga (Kistna and Godavery), Paunda (Chota Nagpur) and Vena Gunga (Wairaghar). The diamondiferous area of India, so far as is known, is perhaps more extensive than that of the rest of the world, and nine-tenths of the famous jewels are Indian stones.

Nicholas S. Plank and Hugo Rohwedder, two jewelers of Davenport, Ia., have exchanged places of business. Mr. Plank is now located at 328 W. 2d St., and Mr. Rohwedder at 410 W. 2d St.



## LOVING CUPS

in Sterling Silver and the new COPPER FINISH.

Mounted with Buck-horn and Tusk Handles in a large variety of exclusive patterns.

Also new and Attractive Designs in

Sterling Mounted Glassware,  
Sterling Silver Novelties,  
Sterling and Gold Mounted  
Cane and Umbrella Handles.

Send for Assortment of Photographs and Judge for Yourself of the Rapid Selling Qualities of our Goods.

J. F. FRADLEY &amp; CO.,

114 EAST 14th STREET,

NEW YORK. TRADE MARK.





## Retail Jewelers' Advertising.

[This department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters full and particular as desirable. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed some weeks. Address all letters and other matters to THE JEWELERS' CIRCULAR PUB. CO., 11 John St., corner Broadway, New York.]

THE month of August is generally conceded to be an excellent season for the advertising of watches and watch repairing, birth stones and souvenir spoons. The advertisements shown herewith will enable the reader to see how some firms attract attention to their watch sales and watch repairing departments. Examples of souvenir spoon advertising, etc., will be published later. The advertisements illus-

admits of criticism. It is exceedingly timely, advertising as it does golf and chatelaine watches, which generally find a field about this time. The specialties mentioned under the phrase "Diamond Lovers" are also well advertised. J. T. Laughlin, whose ad. appears in the upper right hand corner, is also advertising the proper thing at the proper time, and the heavy black border with round corners is again used to advantage.

## The Efficiency of Continuous Advertising.

THE Milwaukee *Journal* relates an interesting advertising story. A young lady lost her silver chatelaine bag, containing the collection of curiosities that such an ornament to the female form usually carries, and a tramp found it and disposed of it to a saloonkeeper for 11 cents' worth of liquor. The latter presented the bag to his wife. Meanwhile the young lady advertised for the return of her property, the saloonkeeper's wife read the advertisement and, after the third insertion, returned it. She remarked to the happy young woman that she had decided to give it up if the advertisement appeared three times—otherwise not. The third insertion did the trick—it hypnotized her and directed her steps



### We Have Watches

that will be a credit to any lady or gentleman. A heavy filled case, artistically engraved, making a really valuable ornament, and containing works that will make it a reliable time-piece.

We guarantee the accuracy of the movement, which means much.

Gents' size, \$18 up.

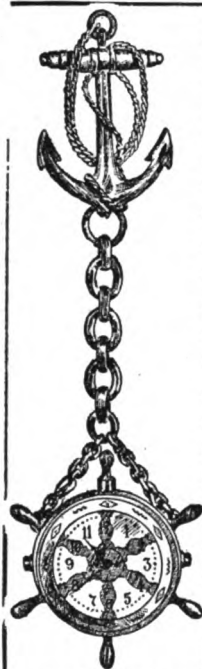
Ladies' size, \$15 up.

**J. T. ALLEN & CO.,**  
JEWELERS,  
Fourteenth and Main Streets.

### WATCHES

And all kinds of the latest fashioned jewelry. Watch repairing promptly done.

**THAD. ACKLEY & SON,**  
37 Market St., Warren, O.



(Actual Size.)

### DIAMOND LOVERS

are wild over the new 20th Century cutting. We secured two of these exceedingly rare and valuable stones (absolutely perfect), which we mounted ourselves to save costs. One is worth every dollar of \$975, which we will sell for \$750. The other is fully worth \$800, and will be sold for \$600.

Another unusual special is a Patek Philippe Split-second 18 K. Gold Watch, valued at \$480, which we sell for \$300.

OUR SUPERB COLLECTION of Antique Watches and Jewels is worth coming miles to see. The \$20,000 "Keene" Diamond Brooch is but one of the many rare gems.

**CHAS. A. KEENE,**  
Diamond and Watch Merchant,  
180 BROADWAY -- New Store.

"Opening Days" at the New Store.

## Golf and Outing Chatelaine WATCHES.

Entering upon a new era in our magnificently equipped new store, 180 Broadway. Everything new and swell--and squarely priced.

### THE LATEST "NOVELTY"

for the Smart Set is Chatelaine "Outing" Watches, like illustrations, representing Golf, Yachting, Football, a Barrel, Banjo, Heart, etc.,—beauties—in battleship-gray sterling silver, the finest American movement. The few stores that have them ask \$25

"Opening Day" price .... **\$15**



(Actual Size.)

## Sporting Watches

An assortment from which you can surely make a selection to suit. All sportsmen should have a timer or split-seconds watch. Price \$7.00, \$7.50, \$9.00, \$22.00, \$45.00, \$50.00, and \$150.00. This last is the celebrated C. L. Gu-mand in solid 14k case, a time piece and split-seconds, a splendid watch for you.

**J. T. LAUGHLIN**  
JEWELER AND OPTICIAN  
914 Main street :: :: :: Boise

## Concerning Wedding Presents

The prosperous condition of the country has done much to assist the matrimonial market and there are more weddings this year than usual. Fashion still dictates that silverware and jewelry are the leading articles for wedding gifts. We offer:

Sterling silver teaspoons \$3.00 to \$10.00 per set.

Sterling silver berry dishes \$25.00 to \$50.00.

Sterling silver almond dishes \$5.00 to \$15.00.

Sterling silver novelties in tableware.

Solid 14 K. gold brooches \$7.50 to \$100.00.

Solid 14 K. gold lockets and chains.

Our stock is now replete with bewildering and novel designs, especially adapted to wedding presents, and at prices to accommodate every purse. Never has our trade been so prosperous as at the present, and never have wedding gifts attained the magnificence in design and artistic beauty as those being purchased now.

**J.B. TRICKEY CO**  
Wholesale and Retail Jewelers.

trated are those of J. T. Allen & Co., Richmond, Va.; Thaddeus Ackley & Son, Warren, O.; Chas. A. Keene, New York; J. T. Laughlin, Boise City, Idaho, and J. B. Trickey & Co., Lincoln, Neb.

The J. T. Allen & Co. ad. is admirably well displayed and it is to be regretted that the poor quality of the paper on which it was used did not allow the cut to show up better. The advertisement of Thad. Ackley & Son is simplicity itself; nevertheless, the effectiveness of the bold black type and the heavy black border will be readily perceived. The Chas. A. Keene ad. scarcely

The ad. of the J. B. Trickey Co. admits of certain improvements, particularly in the general reading matter. The advertisers have certainly not sacrificed any space, but the ad. might be more effective if some of its reading matter were dispensed with. As it stands just at present there is not very much to attract the reader's attention outside of the regular catch phrase, which is good. The cut, too, seems rather "solitary," inasmuch as the advertiser does not make any specialty in his ad. of watches, but, on the contrary, seems to lay more stress on silver articles.

to the newspaper office, where she deposited the lost chattels. Psychology in advertising is the latest—the *Journal* is the first daily out with a practical demonstration of how it works and—who will be next? Who wants a better and more practical demonstration of the claim that continuous advertising is the only kind that is worth paying your coin for.—*Advisor*.

A weak character creates a weak impression—and in like manner a weak ad. makes little or no impression on the reader.





That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan that they are utilizing in connection with their business.

### The Strange Phenomenon Caused by the Effect of the Blood upon Gold.

(Continued from issue of August 6.)

JUST at this moment THE ONLOOKER's informant, who during the course of the conversation had had several occasions to test the rings by the usual ordeal of the noble metal, so carefully carried the little bottle of nitric acid away and removed it to a safe corner that it prompted a little side talk.

"Is there any significance in your placing the acid so far from the gold," queried the former.

"None, save that I want to keep it and the gold as far from each other as possible," laughingly responded the latter. "It is not good policy to leave the testing fluid so near the gold, because that acid is strong enough to eat it. On general principles, we jewelers are apt to grow careful in this respect. For instance, rubber is a good thing to keep away from jewelry. You may warn your wife never to let even the ordinary rubber rings, so generally in use, get among her rings, for they immediately tarnish them. And do not by any chance permit mercury or quicksilver to touch anything of that kind which you value.

Mercury seems to have an affinity for gold, and the moment they come in contact the mercury will penetrate the pores of the gold. It disintegrates the latter, or at least it often renders it so brittle that it will crumble. But we are drifting, and if we were to allow ourselves to discuss that phase of the question, we'd get into an endless talk."

"I'd like to lightly touch on another point or two. For instance, would you mind telling me about this testing stone?" And THE ONLOOKER picked up the parallelogram with rounded corners which is to be found back of the counter of every jewelry store, generally in close proximity to the bottle of nitric acid.

"I presume that you, like most laymen, think these ordinary bits of rock, such as can be found anywhere. You will be surprised when I tell you that that particular stone cost us two dollars. It weighs just a pound, small as it is, and that's the regular price. It is not its regularity, nor the rounding of its corners, that makes the price so high,

but it is the quality of hardness that the mineral possesses.

It is this which makes it valuable to the jeweler, for otherwise it would wear out in a short time. There are counterfeits of this kind in the market, costing only fifty cents a pound. But every test made on them leaves an imprint, and frequently a hole. The dark slate color indicates the general character of the stone, but these are not found, as far as I know, in coal mines or slate quarries. This special one came from the beach at Coney Island. For more exact information you'll find it wiser to seek elsewhere."

"Just one other matter: In your opinion about what percentage of married men wear wedding rings?"

"Throughout the entire country I should say that the proportion is very much less than it is in such sections as contain a large foreign element, especially if that foreign element be composed either of Germans or Italians, or both. Almost all of these, if they have not as yet become domesticated, seem to wear them. Giving a rough guess, I should say that 10 per cent., including foreigners, would cover the number. Of native born Americans very few would dream of wearing them. There seems almost to be a prejudice on their part against the custom. As far as I am concerned, entirely setting aside the business interest I should feel in seeing them universally adopted, I think sentiment should favor them."

Just at this moment another member of the firm came along, and, joining the conversation, seemed to think that the estimated 10 per cent. rather high, in fact excessive. Said he:

"I do not agree that all Germans and Italians wear them. Even in the first generation, many of them do not. As for the subsequent generations and the native born of other extractions, one in twenty-five would be nearer the mark. In this connection I know of a very interesting fact. There is an organization in this country which, if not of a religious character, is of a moral or ethical one. Its founder and principal chapter is in this city. The organization is of a very liberal disposition, both in thought and in action, and its charities are wide and far-reaching. Yet on one little point this association is very strict.

Its leaders or lecturers, for they are not ordained preachers, are licensed to perform the marriage ceremony. But none of them will do so unless both of the contracting parties agree to wear the ring. Every married man identified with this movement wears such a circlet, the idea being that the sacrament is equally binding on both parties to the union. I think this is a consistent idea. But whether the wearing of wedding rings on the part of men is on the increase or not, I am not prepared to say."

THE ONLOOKER.

### How Not to Lose a Customer.

"ALL dealers should keep a book in which to enter the names of articles found to be out of stock or running short," said a prominent jeweler in a large eastern city, recently. "This book should be accessible to every clerk, with instructions to enter therein all stocks needing replenishing. Few things are so aggravating to a customer as to be told that a certain article he wants is 'just out.' There is seldom a reason for the dealer's losing a sale if he will attend to his business. The following may illustrate how this negligence works injuriously to a dealer.

"A customer desired to buy, among other things, one or two articles of silverware, and, going to the store where he expected such things to be handled, he was told that they had none on hand. The truth of the matter was they had forgotten to order them before they ran out. The prospective customer thereupon was compelled to patronize a rival store, where he bought not only the articles he had first desired, but several other things that were attractively presented in the store and which he wanted as soon as he saw them.

"Thus, by carelessness, the first store lost the sale of a fair-sized bill and perhaps a regular customer. This could be avoided by keeping a memorandum or "jog" book, and entering therein the things needed in the respective season and the goods that are running short."

A. F. T.

### Concentration.

THE power to concentrate on the doing of one single thing to the exclusion of thoughts of all the rest of the world besides—this is a power which should be cultivated at an early age and cultured with all the years, for in it lies the strength to do and to be.

If we give to each little detail before us exclusive attention, it will be done as well as we know how to do it—otherwise not; and hence, otherwise we shall not succeed.



# NG and HINTS to JEWELERS

## Jewelry Stores of Manila and Cavite.

**T**WO Philippine jewelry store exteriors are illustrated on this page, from photographs taken for *THE JEWELERS' CIRCULAR-WEEKLY*. They are typical of numerous similar places of business in that part of the world. The Cavite store shows one of the old Spanish type, with little outside indication of the business within, save the sign. The Manila store shows a more mod-

precious stones that is rare and interesting.

The *CIRCULAR-WEEKLY* has published considerable information concerning jewelry of the Philippines, and has illustrated native jewels and their uses, in issues of May 23, 1900, and Nov. 28, 1900.

### Advertising Axioms.

Fair treatment of customers will do much to make the establishment the popular

## An Original Window Attraction.

**C**HAS. WRIGHT, Eureka, Cal., has originated an attractive mechanical window display. The mechanism of the machine consists of a number of small elevators, which rise automatically, each carrying a different display.

The passer-by is first attracted to the window by the clang of a large gong. On looking in he sees a fac-simile of the old



JEWELRY STORE IN MANILA.



JEWELRY STORE IN CAVITE.

ern spirit, with its window displays and prominent signs. The natives of the Philippines are great lovers of jewelry, and the present large numbers of Americans there, of the army, navy and civil pursuits, help make business for the jewelers.

Most of the Manila jewelry shops are small affairs scattered in considerable numbers throughout the city, and the owners seldom exhibit much stock. This is partly due to the insecurity felt against robbers under the old Spanish regime, and to the imposition of high taxes. It requires, even now, considerable persuasion to induce them to display their varied stock in trade. Convinced of the visitor's honesty as a customer, the jeweler will then present for inspection a collection of art in metals and

place the proprietor naturally desires it should be.

All the push in the world won't overcome the bad reputation caused by unfair treatment of those who are entitled, at least, to consideration.

The man who pushes for business gets people interested in his efforts, and makes the bargains stand out by his own continued hustle.

The best articles command the best price. Don't advertise that a first class article is selling for half price what a first class article ought to bring.

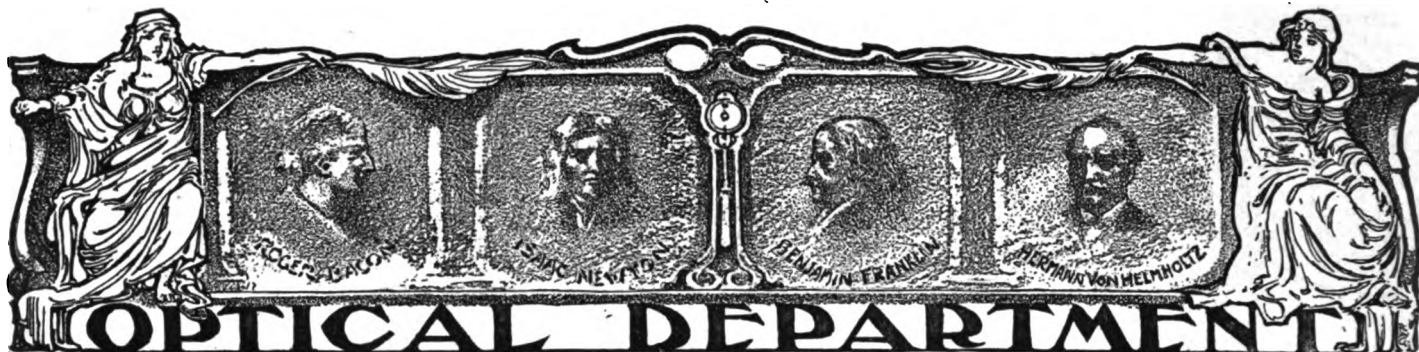
The business that is pushed to the limit may be able to set a new limit for the proprietor, that will assure him more complete satisfaction and greater profit.

Liberty bell, resting on the floor of the window. The bell slowly rises from the floor and immediately is seen a handsome display of jewelry.

After a few minutes the bell descends, completely covering the display. The gong clangs again, and the bell once more slowly rises, disclosing a display entirely different from the former one.

The competition of modern times renders energy more and more an essential part of the equipment for business life. Short hours and hard work. A plunge up to the neck into the present moment. This is the present day demand; and it insures best results and leaves most leisure for the out-reaches of a full life.—*Business*.





CONDUCTED BY GEORGE A. ROGERS.

### Contestants' Solutions of Dioptric Quiz Problems.

INTEREST in the Dioptric Quiz still continues unabated and THE JEWELERS' CIRCULAR-WEEKLY in this issue publishes the answers of some of the interested participants. As stated on another page of the Optical Department, the very last set of questions is published in this issue. Notwithstanding that fact, however, contestants still have ample time for the forwarding of their solutions. Contestants' answers to the 5th, 6th and 7th sets of questions are presented herewith. They are the answers of C. H. Todd, New Richmond, Wis.; William Westphal, St. Charles, Mo., and J. Holden, Syracuse, N. Y.

#### MR. TODD'S ANSWERS (5TH SET).

21.—A prism  $2^\circ$  base out would compel the eyes to converge. There would be a corresponding tendency on the part of the ciliary muscles to act, and if the accommodation improved distant vision it would indicate hyperopia.

22.—If a  $2^\circ$  prism base in, improved vision, I should conclude there was exophoria, which was relieved by the prism, causing a corresponding relaxing of the ciliary muscles, which by spasm, or sympathetic action, had produced a false myopia.

23.—If this question means that we are to correct one-half the total imbalance in each eye, I should say right  $4\frac{1}{2}^\circ$  prism, base in, and down to 150th meridian. Left,  $4\frac{1}{2}^\circ$  prism base in, and up to 150th meridian. Of course if the question meant that one-half the total imbalance was to be corrected in both eyes, the prisms would only be one-half as strong, or  $2\frac{1}{4}^\circ$  each.

24.—Hyperopia tends to produce appearance of esophoria and exophoria, of myopia.

25.—Correct the vertical imbalance first and you may relieve the oblique muscles enough to correct the imbalance in the horizontal meridian.

#### MR. WESTPHAL'S ANSWERS (6TH SET).

26.—The anterior surface is  $13/88$  of the anterior curvature  $13/88$  of  $+20. = +6.842$  D.

The posterior surface is  $13/25$  of (the posterior curvature + anterior surface) =  $13/25$  of  $(+6.842 + O) = +2.558$  D., making a total of  $+10.4$  D.

27.—The posterior plane surface next to the water =  $19/133$  of the anterior surface =  $+0.977$  D.

28.—I find first the dioptric action of the anterior surface, which is  $13/88$  of (the anterior curvature + distance) =  $13/88$  of  $(+20. + +5.) = +8.553$  D.

The posterior plane surface next to the water =  $19/133$  of (posterior curvature + anterior surface = distance) =  $19/133$  of  $(O + +8.553 - +5.) = +0.607$  D.

29.—The posterior plane surface =  $13/25$  of  $(O + 8.553 - +5.) = +1.847$  D.

30.—The anterior plane surface has no action = O. The posterior surface =  $19/133$  of (posterior curvature + anterior surface) =  $19/133$  of  $(+20 + O) = +2.857$  D.

#### MR. HOLDEN'S ANSWERS (7TH SET).

31.—50 D. Sph.

32.—Allowing half the accommodation for comfortable use,  $+ .50$  sph.

33.—P. R. 20 inches, P. P. 8 inches.

34.—a, As a — .50 D. sph. is required to make the eye normal, the imposing of a — .25 D. sph. would

improve vision but not quite normal; b, A — .50 D. sph. would bring the vision up to normal as it is full correction; c, The imposing of a — .75 D. sph. would be an over correction of 0.25, thus requiring an action of the accommodation to the amount of over correction to maintain normal vision.

35.—a, Shadow motion opposite to that of the mirror. b, Shadow motion neutral. c, Shadow motion with that of mirror.

### Solutions of Problems 37 and 39.

JULY 30, 1902.

Editor THE JEWELERS' CIRCULAR-WEEKLY.

Would you kindly publish the part of the solution of the 37th and 39th Problems, referring to the size of the images, and show how the given ratios are obtained? Thanking you in advance, I am, Yours truly, S. C. F.

ANSWER TO 37:—The ratio (diametrically) of image to object is directly as the distances of the conjugate foci from the lens.

Hence in Problem 37 we have:

1st Ratio:  $I_1:O_1::20:8$ .

2d "  $I_2:I_1::\infty:10$ .

3d "  $I_3:I_2::5:\infty$ .

Combining these ratios:

$10 I_3:O_1::10:8 = \frac{10}{8} = 1\frac{1}{4}$ .

ANSWER TO 39:—In the 39th Problem the above ratios are inverted merely, and  $I:O::8:10 = \frac{4}{5}$ .

### Sight-Testing Car for Railroad Employees of the Boston & Maine R. R.

GREENFIELD, Mass., Aug. 13.—A new rule has just gone into effect on the Boston & Maine Railroad, whereby eyesight tests for employes will be conducted annually. Hitherto there has been a test when the man was engaged but no regular system was employed. A special car has been fitted up for this purpose and is now being sent over the line.

The examination is to test the man's quickness in discriminating between different colors, especially the colors of signal and switch lights, and to do this more effectively one-half of the car has been made into a dark room where the various colored lights can be flashed on and clearly seen.

Theo. Leavenworth, Bridgeport, Conn., has removed to new quarters in the Meigs building, in that city.

At the convention of the Wisconsin State Optical Society, recently held at Oshkosh, resolutions were adopted inviting the National Association of Opticians to hold its convention in 1903 in Milwaukee.

### Optical Notes and Briefs.

The Columbian Optical Co., Kansas City, Mo., has just issued its new catalogue.

C. L. Merry, of the Merry Optical Co., Kansas City, Mo., is in Colorado on a month's vacation.

N. A. Osgood, an optician formerly with Rodgers & Krull, Louisville, Ky., died recently at his home, 1748½ 5th St., aged 62 years.

The Tiffany Optical Co., Worcester, Mass., announces its removal to quarters offering better facilities at 540 Main St., Room 2.

Prof. Albert Meyer, traveling optician for the Reed-Bennett Co., Minneapolis, Minn., is in off the road and has gone to New York for a fortnight.

Dr. Jenkins, of the firm of Jenkins & George, Belton, Mo., has returned from Colorado, where he was traveling. Dr. George remains in Colorado.

Good headway is being made in the erection of the new brick front of the factory of the American Optical Co., on Mechanic St., Southbridge, Mass.

J. Leahy, optician, announces that he will be at W. J. Weber's jewelry store, Manistique, Mich., to-morrow, where he will remain for three days.

The case of "Doctor" W. H. Barre , the Buffalo optician, recently charged with having used the mails for fraudulent purposes, has been again postponed until Sept. 5.

Alfred Loerch, a jeweler and optician at Santa Barbara, Cal., has left for a short vacation to the Zaca Lake country. He expects to spend most of his time hunting.

The Court of Appeals last week awarded a peremptory writ of mandamus to the A. S. Aloe Co., St. Louis, Mo., in its suit against the Commissioner of Supplies to compel him to accept the bids of the company for city supplies.

About \$36 worth of brass was recently stolen from the factory of the Gundloch-Manhattan Optical Co., Rochester, N. Y. Warrants have been issued for the arrest of two truckmen who are charged with stealing the same.

An optical swindler, probably the same one recently reported in THE JEWELERS' CIRCULAR-WEEKLY, has made his appearance in Portland, Me. The man claims that his glasses are a panacea for all ocular ailments, and demands for them most exorbitant prices. He is described as being about 40 years of age, dark complexioned and weighing about 160 pounds.

(Additional Optical News on page 64.)



## Optical Department.

### Official Answers to Eleventh Set of Problems.

ACCORDING to the conditions under which THE CIRCULAR-WEEKLY'S Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the eleventh set of questions (published June 11, 1902) follow:

#### ANSWERS TO ELEVENTH SET.

51. + 10 D.
52. +  $5\frac{1}{4}$  D.
53. At 5 in.  $\frac{1}{4}$  diameters of object.
54. At (a) +  $2\frac{1}{2}$  D.  
(b) -  $\frac{1}{2}$  D.  
(c) +  $7\frac{1}{2}$  D.
55. + 2.5 D.

### Health Board Asked to Fight Ophthalmia in Schools.

AT the recent meeting of the New York Board of Education a letter was read from Dr. Lederle, the Commissioner of the Health Department, saying:

I ask your co-operation in some important work during the next school year. I propose to employ specialists for work not hitherto undertaken in this city. The most important part of the work is to be the examination of the school children for contagious eye diseases. During the last two weeks of the school year just closed I appointed 12 eye specialists to find out the extent of contagious eye diseases among the children. The experts examined 55,000 children in 86 schools, and no doubt you will be surprised and shocked as I was to learn that no less than 6,670 children, or 12 per cent., were afflicted with contagious eye diseases. Of this number 2,328 were suffering from the severest type of trachoma. All these children should be excluded from school.

He asked that a room be set apart in each school for an inspector from the Board of Health to examine the pupils. Dr. Maxwell, City Superintendent, said he did not think there were so many cases among the children as Dr. Lederle declared. He knew there was some ophthalmia, but the Health Commissioner had exaggerated. Besides, he thought the doctors who examined the children should be employed by the Board of Education and not by the Board of Health. He declared that physicians had informed him that inspectors from the Board of Health had wrongly diagnosed the eye troubles of children.

After some debate it was decided to set apart a room in each school for the specialist.

### Effect of Strong Light on Unshielded Eyes.

THE phenomenal effect upon the eyes of a very strong light is once more shown by the singular experience of a gentleman of Cornell University, who imprudently observed the partial eclipse of the sun in May, 1900, without using a shade glass.

Afterward, looking across the landscape, he saw what appeared to be a flock of eight or ten birds flying erratically about. Upon examination it was found that the sun's rays had formed a crescent-shaped image on the center of the retina of the left eye, the color of the image being green with a narrow red border. The effect is still noticeable and the use of the left eye for scientific work has had to be abandoned.

## PRIZE DIOPTRIC QUIZ.

TO give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set appearing to-day. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the eleventh set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list being printed below—will be made to those whose solutions are next in order serially. The contest is open to *bona fide* subscribers only. The answers must be the subscriber's own solution, without the assistance of any person better qualified to solve the problems, but the subscriber's statement that the solutions were so made will be accepted in good faith.

Attention is directed to rules for substitute answers, published on page 77 of THE JEWELERS' CIRCULAR-WEEKLY of April 30, to editorial on page 68 of the issue of June 4, and to a special announcement on page 74 of the issue of April 23, for further information.

#### THE PRIZES.

**1ST PRIZE.**—*Javal-Schiötz Ophthalmometer, with Wollaston Prisms modifications by C. F. Prentice and R. A. Stendicke.* Price, \$125.

**2D PRIZE.**—*First selection of either of the following articles: De Zeng Refractometer (Julius King Optical Co.). Price, \$60; or Geneva Improved Retinoscope (Geneva Optical Co., Chicago). Price, \$67.50.*

**3D PRIZE.**—*Second selection of above articles.*

**4TH PRIZE.**—*Spencer Trial Case (Spencer Optical Mfg. Co.).* Price, \$35.

**5TH PRIZE.**—*Jena Special Glass Field Glass (Sussfeld, Lorsch & Co.).* Price, \$22.50.

**6TH PRIZE.**—*De Zeng Luminous Retinoscope with Battery (Globe Optical Co.).* Price, \$18.

**7TH PRIZE.**—*1 Doz. 10-k. gold Anchor Guards. (Julius King Optical Co.).* Price, \$12.

**8TH PRIZE.**—*Brown & Burpee Ophthalmic Cabinet.* Price, \$12.

**9TH PRIZE.**—*Automatic Rolling Eye Sign. (The E. Le Roy Ryer Mfg. Co.).* Price, \$10.

**10TH PRIZE.**—*Geneva Lens Measure (Geneva Optical Co., Chicago).* Price, \$6.

**11TH PRIZE.**—*Loring Ophthalmoscope.* Price, \$6.

**12TH PRIZE.**—*Thorington Metallic Schematic Eye.* Price, \$2.50.

**13TH PRIZE.**—*Plane and Concave Retinoscopes.* Price, \$2.

## DIOPTRIC QUIZ.

#### [Twentieth Set of Questions.]

96. In the compound or cross cylinders of + 2 D., ax. 60° + 3 D. ax. 30°, what is the dioptric value of the first cylinder at 30°, and of the second cylinder at 60°?

97. Locate the principal meridians of the above compound, give the dioptric value of each, and state what sphero-cylinder is equal to them.

98. Of what index would a transparent

globe be which, if covered except at a small pupillary opening, would focus parallel rays at its posterior surface?

99. A block of glass has a convex anterior surface of 20 c. ( $R = .05$  m.), and its index is 1.50. Locate, in the glass, its focal point for parallel rays of light.

100. If an object 3 c. m. in height is 2.50 m. forward of the surface upon the principal axis, locate, in the glass, its image and give its extent.



## Optical Department.

### "Doctor" and the Optician.

(Continued from page 70, issue of Aug. 6, 1902.)

#### THE ETHICS OF THE CASE.

**T**HE question whether the term "doctor" and a four weeks' course in an optical school are strictly consistent or not, doesn't need argument.

While legally the title would be supported, no doubt, if properly qualified, the question is "who wants to use it?" To gain public respect, self-respect is first necessary. The man who can regard with pride and satisfaction such a mark of distinction has something wrong in the upper story. As a matter of fact there are more diplomas of this kind decorating the back wood shed or lending the odor of decaying paper to the rubbish in the barrel than there are hanging in optical offices. And they do the optician more credit by being placed in the former than in the latter position.

It speaks well for the advance of sentiment as to what an optical education should be and represent when opticians become ashamed of such credentials. We do not mean that the diplomas are discreditable to anyone. They usually represent something. Some of them represent a great deal. But they are held in esteem by their possessor according to what they represent and no more, and they are respected by the public in proportion to the optician's respect for them.

The optician who respects his diploma and puts it in a conspicuous place because he respects it is to be congratulated as well as the school issuing it for it is mutually creditable under these circumstances. But aside from the above considerations and whether the diploma represents much or little, does it represent sufficient to entitle the holder to the degree conferred? Is not

the degree "doctor" too pretentious for any short four weeks' course?

The present condition of things is not a matter for which optical schools are wholly to blame, and it is usually from the short-term or no-term-at-all optician that the most acrimonious criticism comes. The uplifting of optical education must be general, not special. Opticians and optical schools must rise together. Neither can rise alone. The growing tendency to scorn whatever is superficial and pretentious must be tempered by the desire and the effort to make them better.

Regarded from the ethical standpoint, undeserved titles, unearned degrees, flimsy courses of instruction and gilt edge diplomas that mean little or nothing must fall into disfavor. The question up to the optician is not how to pretend more, but how to be more. Schools will keep pace with, if not be a little in advance of, the sentiment of the optician in this matter.

But when the members of another profession with, considering the advances made by such science, even more flimsy claims to professional skill and flimsier titles to degrees in it, assume that it also covers the special field of optics there is nothing in equity, law or ethics to stay the complete demolition of such pretensions.

#### THE DIPLOMACY OF THE CASE.

It is one thing to possess rights, and another to exercise those rights, and to insist upon them. More is gained sometimes by letting real rights go unclaimed than by forever insisting upon them. The man who goes around with a chip on his shoulder will have no trouble to find someone to knock it off.

In the present state of the profession and of the optical school the question of policy cuts some figure. Whether the title "doctor" is appropriate or not also depends a good deal upon manners. Anyone showing unusual skill in optical work will natur-

ally have hard work to keep people from calling him "doctor," whether he wishes or deserves the title or not. Gained in that way, and with or without a degree to back it, it is a voluntary tribute to his skill and no one can find fault with its bearer. A title comes more readily in that way than by any self-seeking pretensions or claims.

No one should ever make his title the "main issue" or treat in such a case as a matter of any great consequence. It will be found that those who are most anxious about it desire to use it belligerently, and that they will flaunt it in the faces of people to the general discredit of the profession. Therefore the action of some of the State optical societies disapproving of its use by opticians, more as a matter of diplomacy than of ethics, law or equity, is understood.

#### OUR POSITION.

We neither advocate nor are we opposed to the opticians' use of the title "doctor." We consider the title "Doctor of Optics" as a degree conferred by an optical school as appropriate, if any doctorate degree is appropriate.

Our only opposition to the title "doctor" is solely on account of the considerations stated here, and to the other point that in some States it would lead to malicious prosecution. Even then the optician who is willing to fight for it and pay for the fight is rather to be admired for his courage than blamed for his indiscretion. Whether State optical societies wish to take up the fight for the title is a matter of discretion.

Any optical school issuing a doctorate degree should protect its graduates in the use of the title, if that is the question. No optical college is bound to protect its graduates in practices it counsels against. We don't believe "Doctor of Ophthalmology" is warranted by an optical course, or that the least discretion is shown in the employment of that title by opticians, and we expect that that fact will be proved in due time.

#### Treatment of Styes.

**S**TYES are little boils that form in the eyelids deep down below the root of an eyelash, at the side of which it is apt finally to break and discharge its pus. It is not generally known, but a necessity for glasses is one of the causes of this affection. An eastern contemporary, in a brief article on styes, says that poultices should never be used. Ice will limit the amount of inflammation and stop all pain. If it is apparent that pus is about ready to escape through the skin, it is well to open the sty with a knife.

Not infrequently one will have an irritated eye—an eye which is reddened up a little, which feels hot and gritty, symptoms which are bothersome but not serious, and may be due to dust, high wind or the irritating character of the work done with them. This trouble of the eyes will be greatly benefited by a cooling and soothing lotion, such as the following:

Boracic acid, 15 grains; camphor water, two teaspoonfuls, and rose water to make one ounce.

Of this put a couple of drops in the eye when needed.

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## Optical Department.

### Skiametry and the Skiameter.

*Paper read by Gustavus Kahn before the Wisconsin State Optical Society, at Oshkosh, July 29, 1902.*

MR. PRESIDENT, LADIES AND GENTLEMEN:

**W**HEN we are speaking about retinoscopy, or shadow testing, as practiced by opticians generally, we usually understand it to mean the fogging method, while physicians who practice optometry and who use cycloplegics, pay no attention to fogging, unless they are working under conditions where the use of their "drops" is not permissible.

While it is true that the fogging method of shadow testing has many advantages over the ordinary old style of procedure, where either elaborate instruments or no instruments at all are used, yet it must be, and generally is, conceded, that the atropin method, for numerous cases, should be accorded the preference, and especially so where there is a pronounced contraction of the ocular pupil, coupled with a dull fundus reflex, when it becomes extremely difficult to obtain reliable refractive results, from which to prescribe glasses. The percentage of cases, of the total number which can not be satisfactorily refracted in this way, on account of these small and dull pupils, is very great, in fact, much greater than many opticians are aware of, because reliable statistics have not yet been gathered and published on this subject. Favorable reports on occasional cases tend, also, to lead us astray, while the whole truth is withheld and real facts are not openly admitted.

It is, however, considered that expertness in shadow testing greatly reduces the percentage of unfavorable cases very materially, yet it is also true that there still remains quite a considerable number of cases which the most expert in the fogging method must count as impossible of measurement by this means. In adults who have not yet passed middle age, and where the conditions are favorable, the fogging method will be found to be a fairly successful mode of refracting eyes by the shadow test, but where tonic spasms are present, or where heterophoria exists, then these obstacles will be found most troublesome to surmount by this method.

The eyes of young children, and all at an adolescent age, will also be found particularly difficult to refract and only in exceptional cases where there is complete absence of accommodation spasms, can the total manifest error be obtained; otherwise the fogging method of practicing retinoscopy, either open or with instruments, is by no means a reliable substitute for the method where cycloplegics are employed, at least not in the majority of cases where children, and persons under 30 years of age, are considered.

Fortunately, skiametry is no longer a single form of shadow testing, but includes three distinct and different methods, two of which are entirely new, and were recently evolved by the well known New York optician, Mr. A. Jay Cross, the whole, therefore, forming a highly advanced system embracing the fogging method, now embodied in the "static"

method, and another method called the "dynamic," which is the exact opposite in operative principle to the static. There is also still another method, used chiefly for corroborative purposes, which has been named by Mr. Cross as the "amplifying" method.

While the Cross dynamic method of shadow testing may be successfully performed without any special instrument, and fairly good results obtained, yet by the use of the instrument which has been designed expressly for this service much more satisfactory results may be achieved, whereas with the "amplifying" method the Cross Retino-Skiameter is absolutely essential to its use. This instrument, of which I will speak in detail later on, is destined, if it has not already done so now, to revolutionize the art of shadow testing, and at the same time raise the optician to a position independent of, and far above those who rely solely upon cycloplegics, for it enables refractive measurements to be made with the greatest exactitude in persons of all ages, and quite irrespective of ciliary spasms, leaving the fogging method, when exclusively used, in a worse position, even, than the method which it superseded was left in.

In the Cross method, or system, either with or without the aid of the Cross Retino-Skiameter, we are able to measure the manifest refractive error by the fogging, or static, method, the same as by other modes for employing the retinoscopic mirror. Then we have the dynamic method by which we are able to control any kind of ciliary spasm, but when using the Cross instrument we are able to measure any case, that can be measured under atropin, without the use of "drops" of any kind, and do it, too, in almost as short a time as it takes to speak of it here, besides having three different methods at our disposal, for alternate use; first the static, second the dynamic, to be used at different distances if necessary, and third the amplifying, which can be used in connection with the other two, it being the opposite of the fogging method, the same as the dynamic is the opposite of the static.

Therefore, for corroborative purposes we can practically make use of four methods, and thus, at once, obtain the fullest manifest error, also a goodly portion of the latent and, lastly, we can determine the amount of muscular exertion required of the ciliary at the different working distances for which the eyes are used, this feature being an entirely new addition to the uses for which the shadow test can be employed. It also enables us to decide whether a full correction is advisable or whether a partial one would give better results and, at the same time, it gives us a better understanding regarding the amount of reserve accommodation that exists in a given case, which, by the way, is not ascertainable by any other known objective method.

With the Cross system, when used in connection with the Cross Retino-Skiameter, another very important point of improvement in shadow testing is secured, and that is in regard to the size of the pupil; the use of mydriatics for the purpose of paralyzing the muscles of the iris being entirely unnecessary, except in very

rare cases, as the magnification of the pupil takes the place of the action of the drug. This magnification being more than an equivalent to mydriasis, for the reason that it always gives the working center of the pupil in place of a pupillary area so large as to confuse an examiner by an apparent shifting of the normal visual axis. Besides, the use of this instrument keeps an examiner from making his measurements too far to one side of this visual axis, and thus insures a greater accuracy in his work. Then, too, the dilation of a pupil by means of a drug is accomplished by the inaction of the radiating muscle fibers of the iris and is seldom exactly equal in extent in every direction, which causes a displacement of the natural pupil center during mydriasis, and should the refraction greatly differ in different areas, or zones, of the pupil opening, we run the risk of refracting the wrong part of the pupil, unless great care is exercised, thereby obtaining results at variance with the true refractive condition of the normal pupil center.

(To be continued.)

R. P. Hubbard, manager of the optical department of S. Joseph, Des Moines, Ia., is visiting friends in Kansas City, Mo.

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### QUERIES BY OUR READERS.

**Note.**—Questions under this department will be answered as promptly as possible. Some queries require careful investigation before a satisfactory answer can be given; hence such answers are often seemingly delayed. *THE CIRCULAR-WEEKLY* desires every jeweler to take advantage of this department.

PORTSMOUTH, N. H., July 30, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

Can you tell me how to remove gilding from silver without affecting the silver, and oblige,

R. F. R.

**ANSWER:**—To remove gilding from silver without injuring the silver, apply tripoli to the article with a buffer.

PITTSBURGH, Pa., Aug. 1, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

I asked the clerk at the general delivery window of the Pittsburgh Post Office for a letter addressed to "Watchmaker," General Delivery, Pittsburgh, Pa. The clerk would not deliver the letter to me saying that the name "Watchmaker" was fictitious. Can you tell me whether the clerk was right or not? Yours, etc.,

SUBSCRIBER.

**ANSWER:**—According to the rules of the Post Office Department, the clerks are not allowed to deliver letters having a fictitious name to persons calling at the general delivery window; such letters, however, can be received if directed to a certain street and number; otherwise they will go to the Dead Letter Office.

FREDERICKSBURG, Va., Aug. 1, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

Please answer the following through the columns of your paper: What causes small black specks to become imbedded in the bowls and handles of solid silver spoons, after being laid aside, and kindly give us the best method to remove the same? We

have tried polishing with tripoli and powder, but with little success. Yours,

L. & K.

**ANSWER:**—The black spots which appear on the bowls and handles of spoons and other silverware are undoubtedly spots of rust or caused by the sulphur contained in rubber articles, such as bands, etc., which come in proximity to the pieces affected. They may be removed by applying cyanide and then using a buffer.

NEW YORK, July 16, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

A subscriber of your paper would like to know if a foreigner, who has lived in the United States 12 years, may open a jewelry store in New York without applying for citizenship? Also, tell me if there is any license needed for the jewelry business, and if so how much does it cost? Yours truly,

S. T. B.

**ANSWER:**—We know of no law in New York that compels a merchant starting in the jewelry business to take out a license, or any law or ordinance that puts foreigners on a different footing from citizens.

HARRIMAN, Tenn., July 25, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

I have in my store a grandfather clock, old style, that has wooden works and must have been made before keys were invented, as it winds with a cord. It can be traced back as far as the year 1700. There is a mark on the plate and on the back of the dial which looks like 111-4. Please let me know if this is the maker's mark and if there is any record as to the time the clock was made. Thanking you in advance. Yours truly,

J. G. I.

**ANSWER:**—The clock was undoubtedly made in Germany. The Germans in the Black Forest made clocks with wooden movements before they were made in this country and timepieces are still made there, both with and without the cord.

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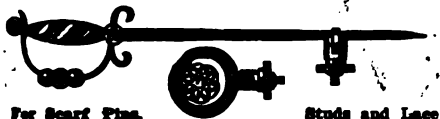
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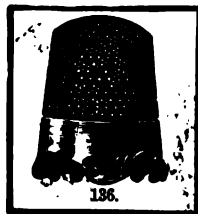
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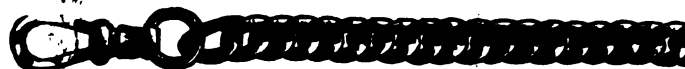
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## NOTICE.

The Importers of these mainsprings are the first to have employed the idea of putting each spring in a separate box, thus protecting them against rust and climatic changes, and to place a number of these small boxes in a box or case.

They have taken expert advice as to their sole and exclusive right to this manner of "dressing" mainsprings, and have been advised that they have a proprietary right thereto.

The trade is hereby notified that any infringement of this manner of "dressing" mainsprings for the market will be vigorously prosecuted.

## The "Longeval"

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### A Novel Year Clock.

**P**ERHAPS the most distinct tendency to-day in clock manufacture has been the effort to produce long time running clocks, not 8-day nor 30-day clocks, but 12 or 24-month clocks. These long time running clocks may be divided into two classes—those operated by electricity and those operated by a spring.

In electric clocks certain difficulties must be overcome in order to secure a perfect battery. Numerous obstacles arise from climatic changes, dampness and heat, the unavoidable impurity of materials, corroding of wires, etc., of which the battery is composed. The problem to be solved in the other class of long time running clocks, namely, pendulum swing clocks, is to adjust the level of the clock in such a manner that the movement will not stop when the clock has been disturbed.

The clock illustrated herewith has secured patents all over the world and after many years of experimenting is claimed to have overcome the above mentioned difficulties. The simplicity of its construction enables a watchmaker to adjust or replace any part of it with little difficulty. The motive power is furnished by a large spring, and the escapement has an anchor and balance escapement which will run regardless of the position in which it is placed. The motive power is applied from the spring to the clock by a differential gearing.

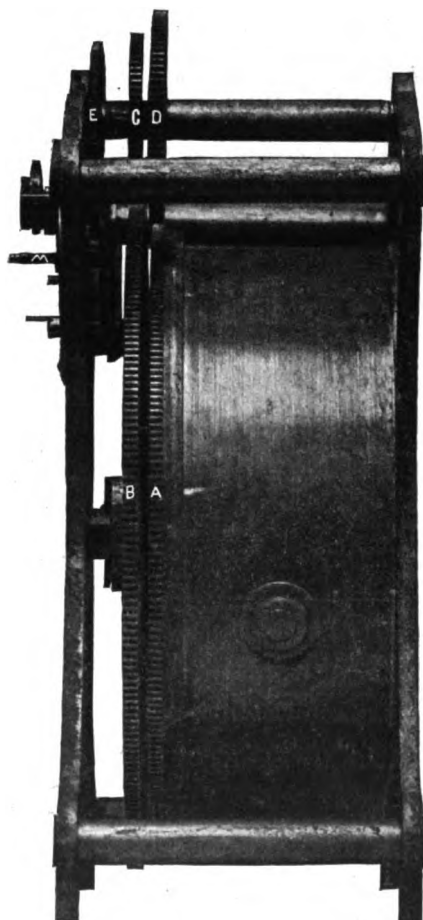
The spring, which is contained in the large drum shown in the illustration, has one end fastened to the winding arbor, and one end to the drum, as in a watch. The drum is loose on the arbor and has a wheel *A*, shown in the illustration. On the same winding arbor and next to the drum wheel is fastened another wheel, *B*, larger in diameter and containing a larger number of teeth. This wheel, *B*, gears in the small wheel, *C*, mounted on another arbor, while the drum wheel gears in the small wheel *D*, which is larger than *C*. *C* and *D* are both fastened to the same arbor, *M* being the arbor for the clock hands.

If the spring is wound and permitted to uncoil we have this result: On account of the differential gearing above shown, wheel *A* revolves faster than *B*—to be exact, it revolves five times to *B*'s four. This means while *B* is unwinding, the spring from its center *A* is winding it from the outside, exactly once out of every 5.

Not only does this secure more substantiality to the clock, but through the very fact that the spring is unwinding at one end and rewinding at the other, there is no waste

of energy, but a perfect evenness of pressure is secured on the clock through its entire run of 12 months or more.

That is, if it takes .001 horse power to drive a clock at any particular moment, this new method, no matter how powerful the spring, will produce a continuous pressure



on the clock of only .001 horse power. The balance of power is used in rewinding the spring.

When the clock is just wound it requires a large power for the drum to secure its 1/5 rewind and there is a large amount of surplus energy on hand. Again, when the spring is almost exhausted there is very little surplus power for rewinding and there is very little required, owing to the weakness of the spring, which is under slight tension.

What this means in this clock can be readily understood. No intermediate gears are required. Any clock movement in which

the spring is replaced by a pinion could be applied to this device. The power is sent into the clock by this pinion through the wheel *E*. There is never any slack in the power, the pressure being always perfectly even. A compensating balance with steel hairspring and anchor escapement being used, perfect and accurate time is the only possible result.

In the same manner, if two, three or four drums are used, the clock will run for two, three or four years. By this means a clock can be made to run for any period of time. It is only necessary to use a sufficient number of springs.

The size of the movement is particularly well adapted to mantel clocks, in which form the clock is now being placed on the market. The extreme height is 11 inches, and the width 7 inches.

To establish the perfect time quality of this clock, under all conditions, one model was placed in the tower of the New York Weather Bureau, where it proved very successful.

### A Flower Clock.

**P**ROBABLY the most elaborate floral piece in the world is the great flower clock in the public park in Detroit. It consists of a great green base, with a huge clock dial, perfect in every detail, some seven feet in diameter. The various dials and the hours are laid out accurately, including the hands.

The floral clock is a permanent emblem throughout the summer months. The thousands of flowers which compose it are all living. They are planted early each Spring in the great base of earth. The clock is never taken apart for repairs until the late Fall. It takes four expert gardeners the greater part of a month to construct the great emblem.

The flowers are selected from a great assortment, and more than 5,000 separate plants are required to completely cover the base. These are arranged with greatest care, so that the colors will be in striking contrast. The various parts of the face may be recognized for a considerable distance. Even when the flowers have been carefully planted the clock requires constant care. The plants must be trimmed almost daily to keep the face clear and distinct.

A novelty recently reported is a large horticultural sun dial at Newport, R. I., made up entirely of a bed of flowers. A tall yew tree casts the shadow on the floral dial.

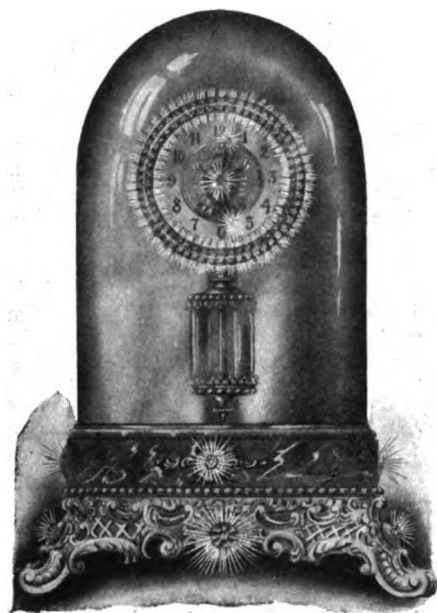


### A Keyless Clock for Emperor William of Germany.

A SUPERB masterpiece of American mechanism will be delivered to Emperor William of Germany within a short time, says a writer in a recent issue of *Leslie's Weekly*.

The finest electric keyless clock (called the Imperial Design) that has ever been turned out by the United States Electric Clock Co., of New York City, or by any clock company in this class, a veritable marvel of beauty, was built some time ago by the general manager of the company for the German Emperor.

The keyless clock, which will occupy a prominent place in the Emperor's study, has its base made of the richest of onyx,



trimmed with finest gold decorations. The jewels in the works have been specially selected, and it was only after a long time that rubies of the perfection necessary for this masterpiece could be found. The clock will run continuously and keep accurate time for one year without change of battery.

The glass casing is an oval dome of unusual clearness, exposing the works to view on all sides.

The hands of the clock are of pure gold, and the dial has been artistically illuminated by a famous artist.

The works themselves are—as in all keyless clocks—simplicity itself, but taking into consideration the eminent purpose of the clock, extreme care was used to finish every single wheel with the utmost care.

Emperor William's palace is not, as most of the castles of living rulers, a museum of ideal curiosities, bric-à-brac and oil paintings. Every single nook and corner in that part of the palace which is reserved for the Emperor's living and work apartments is filled with objects of utility, inventive genius epoch making innovations.

While the Emperor is an admirer of the liberal arts, his heart goes out to the man who does things that help the world. It is well known that one of his most intimate friends is Dr. Von Siemens, the Edison of Germany. In fact, the Emperor has ever

been the protector and promoter of electrical inventions.

It was therefore only fitting that one of the most wonderful accomplishments brought about by electricity, a perfect keyless clock, should be desired by Emperor William.

This company, which has just started to introduce its keyless clocks in this country, was prompted in constructing this wonderful clock by a motive which must appeal to every one interested in the progress and welfare of American electrical industry.

It is therefore that this shipment is of such momentous importance. Aside from the gracious reception which is sure to be accorded to this wonderful timekeeper, the incident will result in directing the attention of the German world of industry to this latest American invention.

It is also fitting that the first keyless clock ever brought into Germany should find a resting place on the mantel of the Emperor's work room.

The destinies of the German Empire will hereafter be timed by an electric keyless clock, the greatest achievement of American genius in the twentieth century.

A correspondent of *Leslie's Weekly* declares that he has excellent authority for the following facts relative to the above clock and the clock trust. He says:

Several gentlemen who are identified with what is commonly known as the clock trust went to New York some time ago, bent upon investigating the almost incredible claims put forward by the United States Electric Clock Co. for its electric keyless clocks.

The party consisted of an expert horologist, a well known New England financier, who figured greatly in the newspapers of late, and whose success in industrial undertakings has come to be a by-word in the world of finance, and an electrical expert who has been specially retained for this mission.

To their great surprise Mr. Dellafield, the general manager of the United States Electric Clock Company, who had been informed of their presence in New York and the nature of their mission, sent his secretary to the hotel at which the gentlemen were stopping and extended to them a hearty invitation to visit the plant and offices of the United States Electric Clock Company.

At the very outset of the conference Mr. Dellafield had his chief mechanic explain to the visitors the claims of the various patents which cover the United States Electric Keyless Clock. The visitors readily agreed that the patents were the most sweeping they had ever had the privilege to study, and that infringement was almost out of the question.

Then the factory was thoroughly inspected. The special machinery was critically examined and tested as to its capacity by high pressure work. The horologist in the party was fairly nonplussed, and, after studying every single feature of the many different machines, exclaimed: "How strange that among the thousands of expert watchmakers and clockmakers in this country and Europe no one should have ever thought of this—and it is all so very simple!"

"I will be surprised," said one of the visitors, who is noted for his bluff frankness,

"if there should be a single American household where this keyless clock will not find a conspicuous place on the mantelpiece. Before long I expect to find them everywhere."

When the gentlemen of the visiting party left Mr. Dellafield they could not help but extend their best wishes for the further success of the United States Electric Clock Co.

I also learned that an order placed with the United States Electric Keyless Clock Co. comes indirectly from a gentleman previously connected with this clock combine, the order being given to the United States Electric Clock Co. by an eastern clock jobber.

Regarding the order to the Keyless Clock Co. which our correspondent mentions, Mr. Dellafield said: "We are overrun with orders, and I can hardly keep pace with them. We have an offer from a western syndicate to buy several thousand clocks. Whether they are acting as middlemen or not, I don't know and don't care. We get the same price from everybody for our clocks. We make an average profit of \$6 on every clock put out, and make no bones about telling customers so, either. If any clock combine favors us indirectly with its orders, it is only an indication of the great merits of the keyless clock and of the absolute unimpeachability of our manufacturing patents and methods."

### A Watch Owned by Louis XIV.

A CURIOUS treasure, a watch which belonged to Louis XIV., is preserved in the presbytery of Ragnonnas, in Avignon, says an exchange. The king gave away the watch under the following interesting circumstances: Before the building of the suspension bridge from Avignon to Ragnonnas a ferry was made use of, which from time immemorial belonged to a family by the name of Arnoux. A member of this family one evening 200 years ago overtook a company of great noblemen and in so doing showed extraordinary skill. One of the gentlemen presented him in recognition thereof with a handful of louis d'or and also a watch. This man was Louis XIV.

This large, round watch, a masterpiece, has a silver case, which is so artistically chased that it resembled a fine spider web. On the lid is the bust picture of the king in laurel wreaths, held below and in the middle by two cupids. The dial, with Latin notations, has no hands. It is pivoted, and while turning the numerals come opposite a lily chased on the edge. The interior of the watch is of the same fine workmanship, and the mechanism a marvel of precision. The watch is still attached to the same now faded cord with which 200 years ago Louis XIV. took it from his pocket to present it to the ferryman of Ragnonnas.

### Old-Time Souvenir.

ALTHOUGH 125 years old, a watch owned by a gentleman in Gloucestershire, England, still keeps excellent time. It was worn at Trafalgar, during the Peninsular War, at Waterloo, through the China War in 1840, and finally in the Indian Mutiny.



**MOST COMPACT**AND THINNEST  
DUST-PROOF

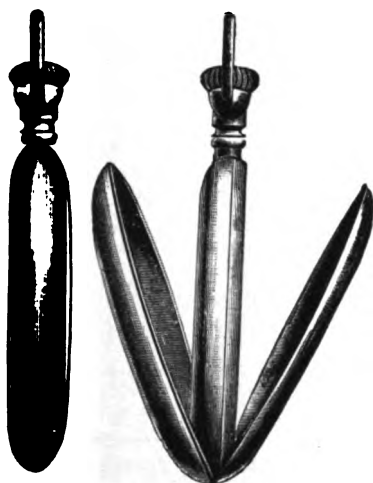
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FOR

AMERICAN MOVEMENTS.

Made in all shapes, engine turned,  
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Colby Patent, April 24, 1894.

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TYPEWRITERdoes the BEST WORK and lots of it,  
EASILY.**STRONG, THOROUGHLY BUILT,**  
Superior in results to any other.

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AMERICAN WRITING MACHINE COMPANY,  
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Is the

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**MERIT.****AJAX INSULATORS**[Patented Oct. 28, '89] are sold from Maine to  
Manila with satisfaction to all concerned.**Cheap, Reduce Wear and Tear on Case, Protect  
Watch, Perfect in Action, Convenient in use.**

Made for all sizes of American cases, open face and hunting.

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Selling Agents: HENRY ZIMMERN &amp; Co., 47 Maiden Lane, N. Y.

**JULES JÜRGENSEN****Watches and Chronometers**

Have Received the Highest "Possible" Award,

**Paris—"The Grand Prix"—1900****Sole Agents, SCHULZ & RUDOLPH,**

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**PAUL DITISHEIM,**

Watch Manufacturer, La Chaux-de-Fonds.

**THE GRAND PRIX,**

PARIS, 1900.

**SMALL LADIES' LEVERS AND CHRONOMETERS A SPECIALTY.**

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Just Awarded—State Prizes and Honors for highest records ever obtained for chronometers at  
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**ABBOTT'S PATENT  
STEM-WINDING ATTACHMENT**A few more **KEY-WINDERS** are  
still in use. Send them to us for  
alteration and **MAKE A FEW  
DOLLARS FOR YOURSELF.****HENRY ABBOTT, 9 Maiden Lane, New York.****Horological Department,****BRADLEY POLYTECHNIC INSTITUTE,**Formerly Parsons Horological Institute,  
PEORIA, ILLINOIS.**Largest and Best Watch School in America.**We teach Watch Work, Jewelry, Engraving, Clock Work, Op-  
tics. Tuition reasonable. Board and rooms near school at mod-  
erate rates. Send for Catalogue of Information.



## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 205—Drilling Hole Jewels.**  
—*I bought from a watchmaker a lathe, with the intention of making hole jewels. Can you, please, tell me how to make them. I know something about it, but I think you could tell me more about the drilling and finishing of the jewels.* A. S.

**ANSWER:**—As a general rule we cannot devote much space to answer personal questions in the Workshop Notes, but if they are of general interest we can sometimes make an exception to this rule. Although it will be of little advantage to the average watchmaker to make his own jewels, since he can buy them cheaper, still it will undoubtedly interest many to know how hole jewels are made. To describe this process clearly we will simply explain Saunier's method. Having selected 20 or 30 stones of about the same height, prepared in the rough, cement them to a smooth brass or copper plate, heated to melt the cement. Hold this plate in contact with a revolving copper lap, which should be moistened and in which the coarser quality of diamond powder has been embedded by means of a hard steel block. When one side of the stones is true, soften the cement and, after washing, place them in a vessel containing spirits of wine heated by a lamp. Proceed in this manner until the desired thickness is obtained. Clean the stones and smooth them on the brass lap charged in a similar manner with a finer quality of powder. The stones are now ready for drilling. This may be done with diamond powder or with the diamond drill. To drill with powder, the stone is fixed with sealing wax or shellac on a carrier that is adapted to the tool holder of the slide rest, this carrier being provided with a vertical slide, so that by the screws being in three directions the stone can be accurately centered. It is, moreover, so arranged that the stone can be advanced to or from the drill by pressing with the finger in the direction of the axis. Drill a small hole in the center of the chuck and after fixing a piece of steel in it that has been hardened and tempered to a grayish color, turn a point on it about twice the length of a pivot, to serve as a drill. This point must be slightly thinned backwards to prevent it from choking in the hole and its end should be flat so as to retain the powder. When the stone is exactly centered, place No. 2 diamond powder on the end of the drill and press the stone gently against it, constantly releasing it from the drill for an instant at a time. The hole will be perforated in from 8 to 15 minutes, according to its depth, during which interval the powder should be renewed two or three times. Remove the stone and fix it on the barrel chuck, cover so as to turn true in the lathe; then turn out the oil cup with a diamond graver of suitable form. See again that the stone is central and re-center it if this be necessary. This is done with the smooth conical end of a soft round broach or a pegwood, a lamp being held under the chuck at the same time. To use the diamond drill, which is another method, center the stone on the

chuck, as explained above, set in rotation and bring a sharp-pointed diamond graver against its center, pressing lightly and resting the handle on the T-rest; a minute central mark is thus made in the stone for maintaining the drill axial. Selecting a diamond drill of convenient diameter, moisten it in the mouth and present it to the mark, applying a gentle pressure, the amount of which can only be ascertained by practice. It is to be observed that a number of stones should, if possible, be drilled at the same time, for the hand is apt to lose the requisite knack if only one or two are perforated at a time.

**Smoothing and Polishing.**—When the hole is made remove the stone and invert it on the chuck. The diameter being less than that ultimately required, pass a brass broach charged with No. 3 powder through the hole, giving it a gentle axial motion while the stone revolves and taking care to avoid pushing it so far forward as to lock it in the stone and holding it very lightly between finger and thumb. When sufficiently smooth, clean with rotten wood or soft bread and treat it in a similar manner with a copper broach and No. 4 powder. Then clean again and use a tin broach and powder No. 5. Next taking a small bone cone, smooth the angles of the holes; then use a copper wire with rounded end for smoothing the oil cup with powder No. 3; follow as explained for the hole with the finer degrees of powder. You have undoubtedly understood that the fineness increases with the higher numbers; thus, No. 2 is the coarse and No. 5 the finest powder. Using a finely pointed pegwood that passes through the hole, round off the internal angle between hole and oilcup (the powder that remains in the hole being sufficient for this purpose) and do the same to the outer circumference of the cup with a copper spindle having a somewhat larger diameter. Round off external angles with a diamond graver followed by a copper polisher, the end of which is cupshaped. The flat face of the stone is polished with a small copper disc and No. 4 powder, pressing it lightly with the finger during the time that a circular movement is given to it. Finish with No. 5 powder. The stone may be detached and the flat face polished by working on a ground glass plate, a pegwood point being passed into the hole to form a handle. Reset the stone, inverting it on the chuck. The other side is then polished in the same manner, using such tools as its form may require. Having thus finished the stone examine it carefully with a powerful glass to see that the hole is highly polished and the angles rounded off. It is then ready for setting.

**QUESTION No. 206.—To Repair Mirrors.**  
—*Kindly inform us how to silver mirrors without expensive machinery and in such a manner that spots will not appear. These spots seem to appear inevitably on a glass from which the silver has been removed and which has been exposed for a time.* A.

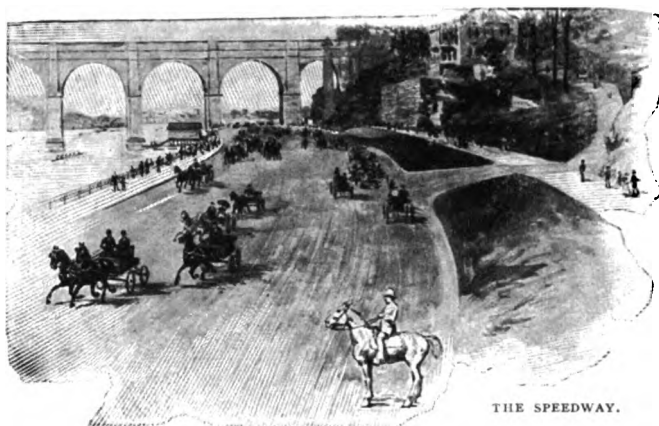
**ANSWER:**—It is very important to have the glass made chemically clean before the silver deposit be made upon it or else spots will certainly appear. It is better to resilver the whole glass than to try to patch up spots. For the following receipt expensive polishing machinery is not required. To make a glass chemically clean rub its surface with strong nitric acid and allow it to lie for an hour or two. Then wash off the acid with plenty of clear water and wipe dry with a clean chamois skin. For applying tin amalgam lay a sheet of tinfoil on a perfectly flat and level marble slab, spreading it out flat, and free from wrinkles, and on this tinfoil pour and spread out mercury to the thickness of a half dollar. After warming and drying the glass to be silvered proceed to apply one edge of the glass so that it can be slid on flatwise in such a way as to force away the most of the mercury and allow the glass to lie flat. If the glass is properly slid on there will be no air bubbles between the glass and the mercury. A flat plate of some kind should be laid on the glass and weights added to force out any excess of mercury. The glass should be allowed to rest under pressure for 48 hours. For applying a coating of pure silver, prepare three solutions, which we number consecutively. The quantities given will silver about 125 square inches. **First Solution:** Nitrate of silver,  $\frac{1}{2}$  oz.; distilled water, 5 oz. **Second Solution:** Caustic potash free from alcohol,  $\frac{1}{4}$  oz.; water, 5 oz. **Third Solution:** Glucose,  $\frac{1}{4}$  oz.; distilled water, 5 oz. A perfectly clean glass or earthen vessel must be provided which will receive the flat side of the glass which is to be coated. Arrangements are made to hold the glass so that one side rests in the plating solution as deep as possible and does not allow the solution to flow over the back. By simply putting water into the dish and arranging the glass to suit we can determine the proper amount of silver solution to make up. To prepare the plating solution we take the requisite quantity of No. 1 and put it into a clean tumbler; then add strong ammonia until the precipitate at first formed is redissolved. Then add the same quantity of the second solution, the precipitate again being dissolved by ammonia. A little more silver is then added to produce the desired consistency. The solution is now filtered until perfectly clear, after which add a like quantity of the third solution and place the combined solutions in the depositing dish. The glass to be silvered should lie in a vessel of distilled water until ready for placing in the silvering bath. As before stated, the glass is placed in the silvering bath so that the surface to be silvered lies below the surface of the fluid in the said silvering bath, but the back of the glass should rise enough above the surface so that a deposit will only take place on one side of the glass. The silvering operation will commence at once, and generally about 40 minutes will suffice for the silver deposit. Temperature has much to do with the rapidity of the operation. After the deposit is made the glass is well rinsed in distilled water and then quickly dried. Such a mirror is much more brilliant than a mirror with an amalgam back. The silver film seems to harden after a few days and become more firmly attached to the glass.



# Trade Winners.

Stay-at-Home Buyers never get the best-selling goods, the freshest and most attractive novelties, the articles that carry good profits. Why? Because the goods which Buyers chase do not need to chase Buyers. Buyers who visit New York get the cream of a thousand stocks; home-buyers get what remains after the choice things have been culled.

By joining the Merchants' Association (cost absolutely nothing) the retail jeweler can obtain **round-trip fare for one and one-third ordinary single fare**, or, in other words, members of the Merchants' Association pay **33½ per cent. less** than the regular fare.



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**Tickets good for 30 days from date of sale**  
and good only for reduced rate  
when bought on above dates.

### Aug. 23 to 27 inclusive. Sept. 1 to 5

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when bought on above dates.

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A moderate investment of a few hundred dollars will give you here an assortment of the latest and tastiest Art Goods that have ever been exhibited in your town: Our lines comprise the newest creations in Kayser Zinn, the justly celebrated "Usiris" (gold metal), choice Paris and Vienna Bronzes, as well as rich Plates, Marbles, etc. .. ..

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Come and see our unusual display before the assortment is broken up. .. ..

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48 AND 50 WEST FOURTH STREET,  
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

**NEW LINES OF AMERICAN POTTERY.** SOME beautiful specimens of ceramic art can be seen in the New York show rooms of the J. B. Owens Pottery Co., 70 West Broadway, New York. Since the factory at Zanesville, O., burned down last March, causing a complete shut down of the plant and sales department, some of the best ceramic artists in the country have been busy getting out new designs, and the result, as shown by the samples now on exhibition, fully justifies the company's prediction that the Fall line will be one of the most varied as well as the most artistic it has ever shown. The new plant was completed about a month ago, and since then has been running to its full capacity turning out the new designs. Goods have been arriving at the New York show rooms for the past 10 days, and many more shipments are expected within the next two weeks. One of the new varieties just introduced includes medium sized urns, vases, card receivers, small jardinières and umbrella stands, and each piece is made in two colors. The designs are somewhat on the order of the *art nouveau* school, consisting of close clinging figures in a bronze tint entwined and worked on a rough, finished background of antique green. Among the other lines are some beautiful pieces of *art nouveau* bric-à-brac in bright colors with glazed finish.

**NEW SUBSTANCE FOR COLORED STATUARY.** AFTER a number of experiments involving an expense of time and money, Henry B. Hollis, 64 Murray St., New York, has at last succeeded in obtaining a clay plaster resembling terra cotta and possessing the properties of that substance. This material has been made up into a handsome line of urns, mugs, tobacco jars, framed and unframed panels, heads and figures, which are both artistic and inexpensive. The goods are made in two colors, bronze and antique green, are decorated with ancient Persian designs and come in odd shapes. In addition to this line Mr. Hollis carries a fine lot of bric-à-brac and fancy painted leather goods suitable for bachelor apartments, smoking dens and cosy corners. These consist of Indian and animal heads, painted in bright colors on rough tan buckskin. They are decorated with bright red and green leather thongs and are fitted with brass rings for holding pipes. Some of the pieces are decorated with strung sea shells.

THE RAMBLER.

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## Popular-Priced Cut Glass

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LEADS THEM ALL.

ELECTROS FREE FOR ADVERTISING. SEND FOR CATALOGUE.



No. 624—1/2 Pint Oil, "Waverly."

## CAMERDEN & FORSTER

Invite inspection of their import sample line just received from the best manufacturers of Europe, designed this year for the fall demands, and selected for the best and most exclusive trade. The success of the line last year gives us confidence that no better line of samples can be shown.

Brasses, Real Bronzes,  
Extreme Novelties,  
New Devices

Worthy of your inspection and examination.

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FANS OF ALL GRADES  
IN EXCLUSIVE DESIGNS  
for the Jewelry Trade.

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IMPORTER,  
Successor to Steiner, Davidson & Co.  
520-2 Broadway, NEW YORK.

Finest hand-chased 14k. and Sterling Pencil Cases,  
Chain and Nethersele Bracelets, Beas  
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Cigarette Holders.



No. 905M.

FINEST AND CHEAPEST  
PENCIL CASE ON THE MARKET.

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NEW YORK.





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**Jewelry and Kindred Lines**  
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**S. F. MYERS CO., N. Y.**  
48-50 MAIDEN LANE

*The Clingtooth*  
Trade Mark  
**IS A TRADE WINNER.**  
SIDE, BACK AND POMPADOURS.  
PLAIN OR TRIMMED.



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PATENTERS AND SOLE MANUFACTURERS,  
**Allen, Smith & Thurston,**  
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**CLEVELAND, O.**  
SEND FOR DESIGNS AND ESTIMATES.

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Write for Particulars.

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**LAPIDARIES. PRECIOUS STONES.**  
**GEMS in Unique Cuttings.**

### Litigation Over the Name "Worcester" on China and Porcelain.

**A**N interesting decision on the subject of the right to the name "Worcester" was recently rendered at Worcester, England, by Justice Byrne of the Chancery Division of the High Court, in the action brought by the Worcester Royal Porcelain Co. (Ltd.) versus Locke & Co. (Ltd.). This action was begun in June, as was another suit by the same plaintiffs against Rhodes, but it was arranged that the evidence taken in the first action should be used in the second.

Counsel for the Worcester Royal Porcelain Co. in arguing for the case told how his client and its predecessors had manufactured and sold china and porcelain in the city of Worcester under the name of "Worcester" for 150 years. The company claimed the sole right to the word "Worcester," because the name had been identified with its product. There had formerly been three firms in the city, he said, who had the right to use the word together with the trade-marks and the name of Grainger, but of these one alone remained. No similar business had been carried on in the city, and the locality had nothing to do with the manufacture, as no ingredient of the ware came from this place. "Worcester" was a name that had been applied to the product and had nothing to do with the matter that entered into the manufacture of the goods.

The evidence submitted brought out the fact that from 1751 to 1786 one factory manufactured china in Worcester; from 1786 to 1801 two factories were engaged in the business, and from 1801 to 1840 three separate factories were running. From 1840 to 1889 the number was reduced to two, and in 1889 the Worcester Royal Porcelain Co. purchased the business of the other factory, Grainger & Co., which had since been carried on by the former, independent of the other business. Mr. Locke, of the defendant firm, and Mr. Hadley had served their apprenticeships in both factories of the plaintiff company, and the defendants' goods were so like the plaintiff's that they were mistaken by the public for the plaintiff's wares.

On behalf of the defendants Edward Locke

testified that he and all his ancestors had been engaged in pottery work, and that early in life he had acquired the style that he could not entirely rid himself of, the pieces in this style being known as "Locke's models." He never copied anything but his own models, and had always sold his goods as "Locke's Worcester," bearing his own name and trade-mark, while the plaintiff sold its product as "Royal Worcester." He had never heard any complaint about his goods until he was served with the writ.

In deciding the case, Justice Byrne delivered an opinion in which he found in favor of the Royal Worcester Porcelain Co. The action of the defendant the Judge thought was calculated to mislead purchasers, and while Locke & Co. were entitled to advertise so as to fairly describe their works and the experience of their manager, they were not entitled to the use of the word "Worcester" without distinguishing their goods from those of the plaintiff.

The Judge allowed an injunction restraining the defendants, their agents and employes from offering or advertising for sale any articles of china or porcelain containing the word "Worcester," without clearly distinguishing such goods from the product of the Royal Worcester Porcelain Co.

A similar injunction was allowed in the case against Rhodes. Pending an appeal, a stay has been granted.

### Italian Rings.

**R**INGS of Italian workmanship are remarkably beautiful. Venice particularly excelled in this art. In the Londesborough collection a western daily describes a fine specimen. The four claws of the outer ring in open work support the setting of a sharply pointed pyramidal diamond, such as was then coveted for writing on glass. The shank bears a fanciful resemblance to a serpent swallowing a bird, of which only the claws remain in sight. It was with a similar ring Raleigh wrote the words on a window pane, "Fain would I rise but that I fear to fall," to which Queen Elizabeth added, "If thy heart fail thee, do not rise at all," an implied encouragement which led him on to fortune.

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1079.

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JEWELRY TRADE.

*Louis W. Hraba,*

Manufacturer of

*Artistic Leather Goods,*

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**AT PRICES TO SUIT  
THE EXISTING CONDITIONS.**

Quantity of Bracelets to be sold the coming season, larger than ever before. So put in a large variety of "Marguerite" Bracelets.

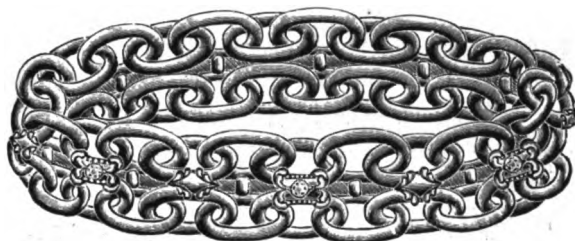
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If you are not wideawake, do not waste your "valuable" time reading this.

To the many merchants who have ordered "Marguerite" Bracelets, we wish to say they have been well rewarded, but the biggest share is yet to come.

BECAUSE thousands of ladies are wearing and talking about the expansion, self-adjustable bracelet. Over two million (2,000,000) ladies are reading about it in magazines, personal letters and catalogues. Each "Marguerite" Bracelet is boxed in a very attractive manner.



Stylish, Simple, Self-Adjustable, Beautiful, "Marguerite" Bracelet. An ideal Gift.

Made in 10-k. Gold, Neat Gold Filled and Sterling Silver. Send for illustrated booklet. "Marguerite" Bracelets are sold by all jobbers. Write today for samples and particulars and purchase an assorted stock of them.

Jeweled Set, Plain and Chased with plain and fancy finishes.

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Simply Wet the Insides to Provoke an Energy.

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### MONEY EASILY MADE

BY SENDING YOUR  
Old Gold, Silver and Platinum

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New Style Compact Chest.



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ELLIOTT'S CELEBRATED  
TUBULAR CHIMES.

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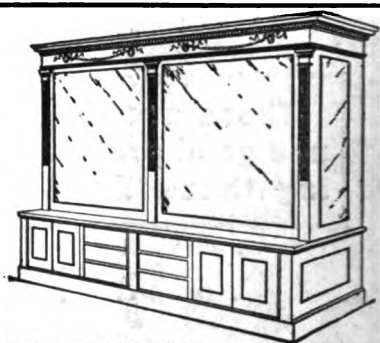
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# THE JEWELERS' CIRCULAR

THE HOROLOGICAL REVIEW,

WITH WHICH  
ARE  
CONSOLIDATED

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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Corbin Building, 11 John St., Corner Broadway, New York.

Entered as second-class matter at the  
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, AUGUST 20, 1902. Vol. XLV. No. 3.

## RECENT SILVER WORK OF A FAMOUS ARTIST.

ONE of the recent additions to the silver treasures of the Council of Aix-la-Chapelle is the magnificent dish, completed March 25, by August Witte, the famous goldsmith of that city. The dish serves as a stand for the previously completed Crown Prince cup, and forms with it a harmonious whole, as will be seen from the illustration herewith.

The cup itself is made of heavy silver, richly gilded, and the workmanship is exceedingly fine. It is in late Gothic style, and consists of the feet, the stand, the cup and the cover. The cup rests on four bases, each one of which supports a symbolic figure representing respectively the goldsmith's art, architecture, needle manufacture and the cloth industry. The connecting floral work contains the coats-of-arms of the city of Aix-la-Chapelle, of the Minister at Aix, of the Chorus of the Knights and Mayors, and of the present chief Burgo-master, Veltmann.

The cup has at the top a smooth surface, on which is the inscription: "Aachens Gäste zu ehren, den

Ruhm der Stadt zu mehrn, schuf mich voll Kunst, treuer Bürger Gunst. A. D. 1901," which may be translated, "To honor the

guests of Aix-la-Chapelle and to increase the fame of the city, civic patriotism, created me artistically. A. D. 1901."

The cover is in keeping with the decorations of the cup, and is decorated with finely executed leaf work, a design which also entwines the cup and the stand. Surmounting the cover is the ideal figure of a knight of the Middle Ages, carrying the standard of Aix-la-Chapelle.

The dish on which the cup stands, also executed in late Gothic style, is of silver, gilded, is 42 centimetres in diameter, and is made in a single piece. The main design consists of 16 shells. The centre of the dish is an exact copy of the old city seal of Aix-la-Chapelle originally adopted in 1260, and at present preserved in the archives of the city. The design, which is executed in bold relief, shows the Virgin Mary sitting on a throne, on the steps of which Charlemagne is kneeling, with the model of the Minister of Aix-la-Chapelle in his hands. Along the border of the dish, on polished

(Continued on page 9.)



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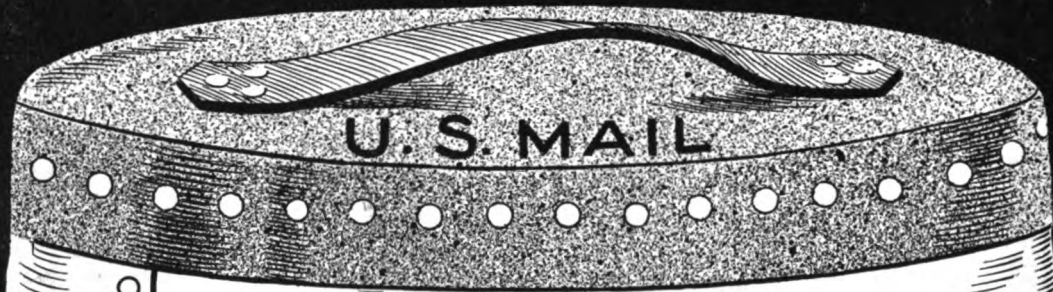
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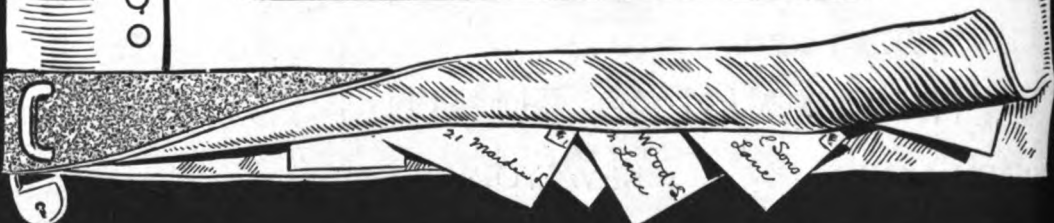
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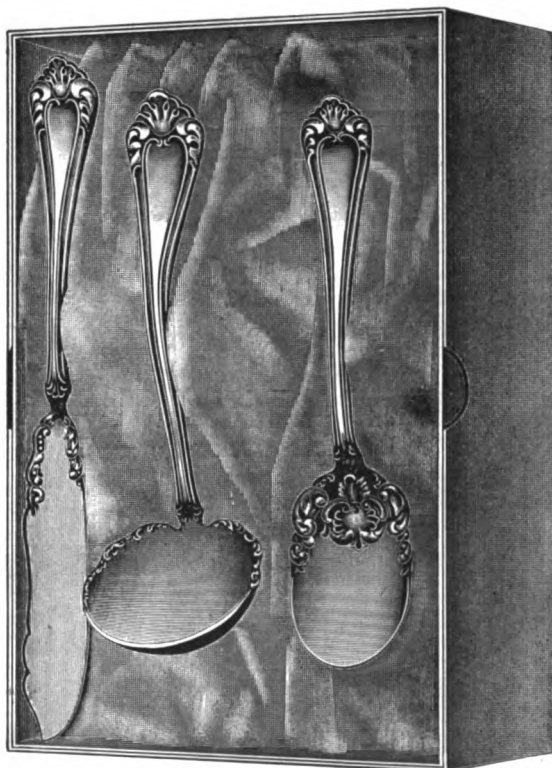
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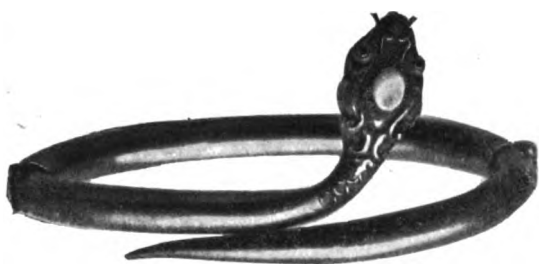
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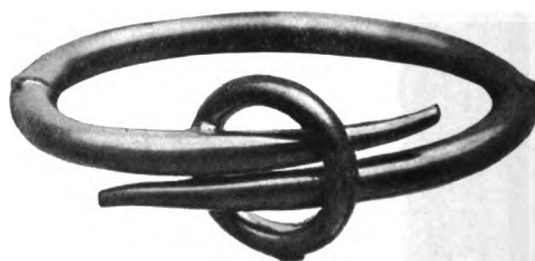
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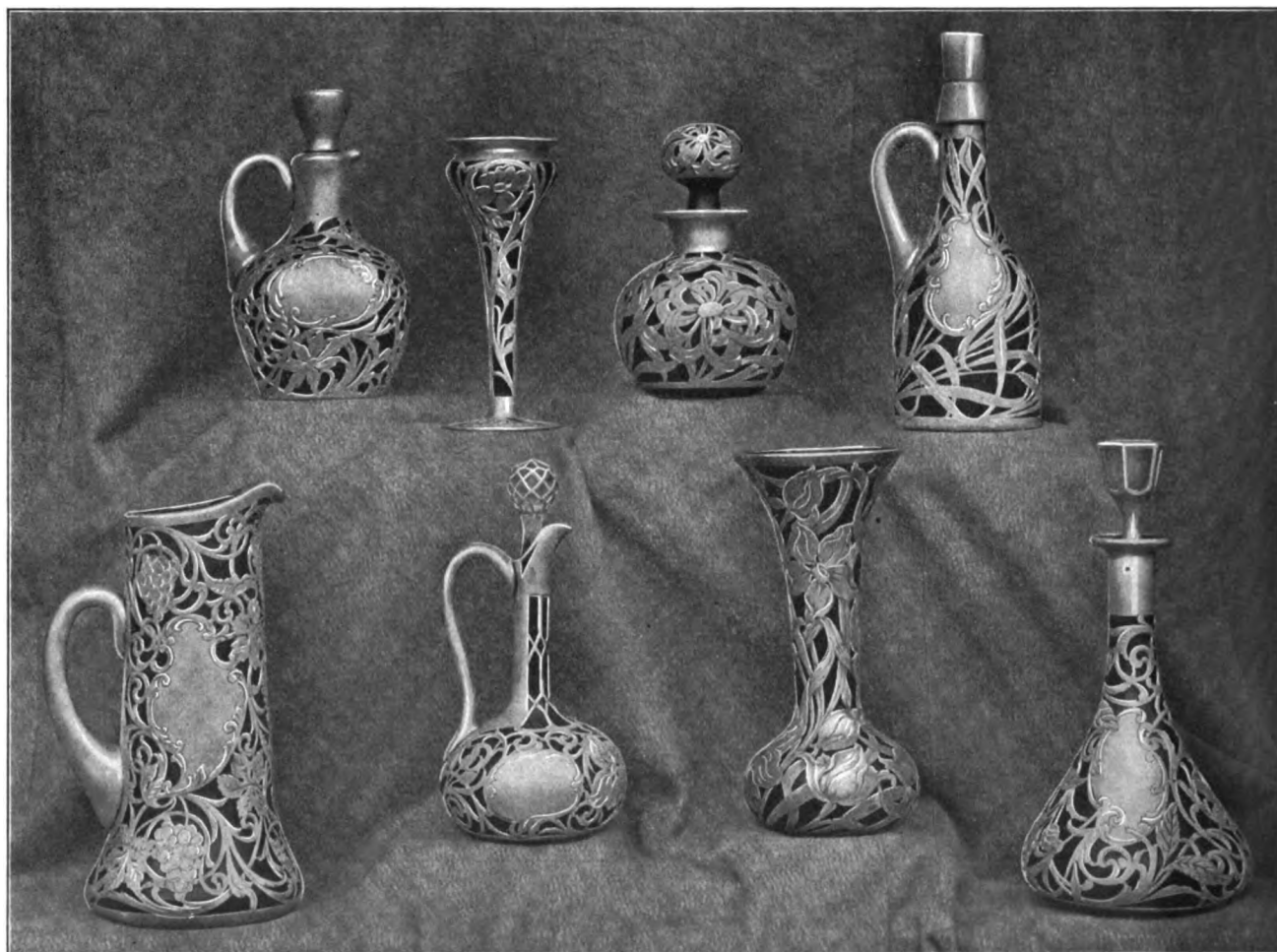


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**Recent Silver Work of a Famous Artist.***(Continued from page 1.)*

ground, is leaf work in relief, forming a frame work for the coats-of-arms of the cities which, in the Middle Ages, were leagued with Aix.

The dish was used for the first time on the occasion of the visit of the Emperor of Germany to Aix, last June.

**Report on Austria's Glass and Imitation Gem Trade.**

WASHINGTON, D. C., Aug. 14.—The annual report of Consul Mahin, at Reichenberg, soon to be published by the State Department, contains some facts of interest regarding the making of glass goods, which is one of the oldest of Austria's industries. It employs 50,000 persons and produces annually \$20,000,000 worth of goods, of which three-fifths are exported. Germany is the chief consumer, annually taking \$2,600,000. The United States buys about \$800,000

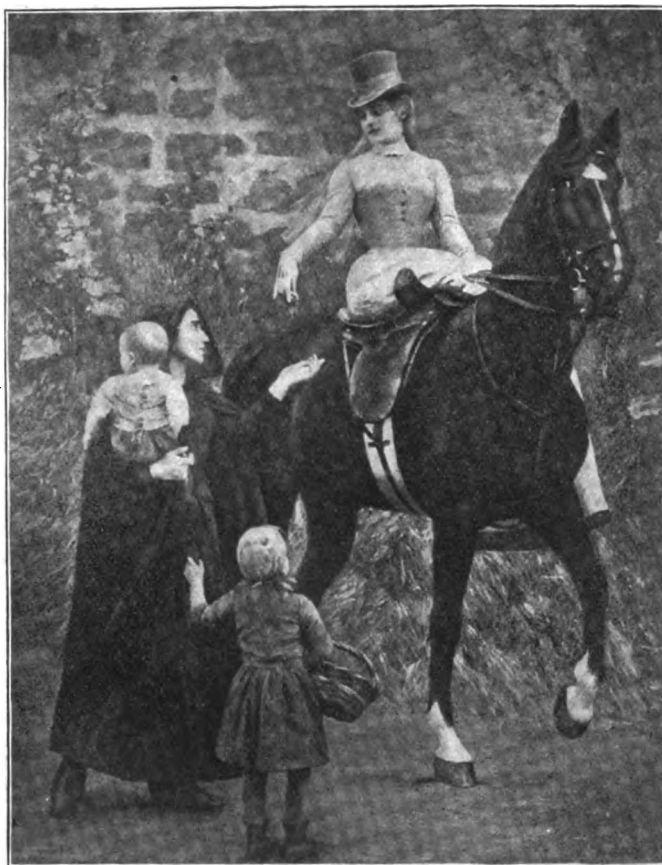
worth of glass goods from Austria annually. Austria's glass trade with Spain was once very important, but the imposition of excessively high duties, reaching in some cases 200 per cent., has seriously injured it. Besides, France has now entered the Spanish markets with imitation jewelry, its proximity enabling it to place its goods there at less expense than Austria, much of its ware, so it is said, being smuggled over the frontier. Added to this, attempts are being made in Spain to imitate the Austrian glass goods, skilled workmen being imported from Bohemia for the purpose. But this is doing little or no harm to Austria in comparison with that wrought by the high import duty and French competition.

Glass goods of the Gablonz variety—imitation jewelry and precious stones, etc.—show, on the whole, a declining price tendency, due to strenuous competition and relatively dull trade. With the intention of bettering conditions in this respect, in 1898 an agreement was formed between the exporters and the producers of crystal glass

goods in the Reichenberg district to regulate prices and other trade factors. The agreement went to pieces in 1900, some of the parties thereto having sold under the schedule rates. Since then prices have been demoralized and labor conditions have steadily become very bad. At a recent meeting of people interested in the crystal glass industry it was declared, among other things, that without an early change for the better a general suspension of work must result. At a succeeding conference of public officials and glass producers to consider ways and means of averting a threatened disaster, it was disclosed that certain makers of crystal glass goods were delivering their wares to exporters at less than actual cost prices, a course which, it was averred, would soon involve producers, employees and the entire industry in a common ruin. To most surely and quickly avert the threatened calamity the establishing of a common selling price for these goods and a close association of all engaged in the industry were recommended.

# Charity

is supposed to begin at home, but often begins nowhere, and that is just where it should begin and end in business. You don't want Charity; you don't expect Charity; and you don't get Charity. Charity is said to cover a multitude of sins. It certainly covers a multitude of business errors. If you buy less attractive goods than your competitor, but still keep on buying at the same old place because you like the salesmen, that is Charity on your part. If you are often disappointed because your orders are not promptly filled, and receive a very poor assortment in your memorandum packages, and you still continue to send your orders to the same slow old place, simply because you have been doing so for a long time, that is Charity, but you are not getting it. Any house that solicits your business for any but purely business reasons is asking Charity from you. We are not looking for Charity, and we do not believe you are.

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Diamond and Opal, Diamond  
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### ELSIE BEE'S FASHIONS.

A LADY'S RAMBLES AMONG THE JEWELERS.

A baby brush is a dainty little silver backed arrangement, accompanied by an ivory fine comb mounted upon a silver stock.

A fine gold chain purse like the old-fashioned knitted long purse, has its two slip rings jeweled beautifully and is a charming thing.

Handsome college flag spoons are of silver gilt with a pale ground of shaded blue and with white on the handle, on which appear the various flags in appropriate coloring.

Fans are smaller and many of them fashioned with an eye to attachment to the long chain. The large fans suitable for the opera and big social functions of the Winter give way to more natty and easily managed little arrangements. Empire fans, richly decorated with bone, pearl, ivory or shell sticks, are in vogue.

Very desirable on one's Summer travels for transferring the contents of one bottle to another or filling any small necked receptacle with liquid are little silver funnels. Some are the tiniest and most taking toy-like affairs imaginable; others, of larger size, are equal to almost any ordinary demand. Many are plain and highly polished, while others come ornamented in *repousse*.

It may not be amiss to remark here that among revivals of past fashions comes the whisper in the air that "patching" will again have its devotees among the fair sex. In this event the old-fashioned silver "patch box" and present day reproductions of the same will be as much an object of interest and consideration as the snuff box is now.

Baby rattles have all seasons for their own and are provided in guises that would astonish any one whose knowledge of them is confined to the old fashioned article. The rings are of pearl or ivory, the bells of silver or gold—one, two, three or more in number. If one, the bell may be shaped to resemble a pear, walnut or other natural object; if two or more, they are usually of the sleigh bell kind. Straight sticks sometimes replace the rings. Silver whistles ending in a fool's head with cap and bells form another device for delighting the infant ear.

Snuff boxes are the novelty now talked about and a very handsome line of gold ones seen, demonstrates some of the fascination that seems to cling to this old time object. These are oblong, shallow little cases very elaborately wrought in *repousse* work or other handsome finish. Some of them have on the top a beautiful decoration in diamonds. King Edward is credited with the initiation of the movement toward the revival of snuff taking as a social fashion, and while the fashion is not yet apparent in public, boxes of great value as antiques, as well as less expensive modern affairs, are in evidence in the shops.

ELSIE BEE.



### Jewelers Interested in the Organization of a New Safe Deposit Co.

After agitating the question of a jewelers' safe deposit company for several years, the New York jewelers have at last been successful in accomplishing the long-talked-of object and have organized the Maiden Lane Safe Deposit Co.

This company was originally organized as the Broadway-Maiden Lane Safe Deposit Co., but was recently reorganized under the style above stated. The offices and vaults of the new company will be in the new Broadway-Maiden Lane building, 170 Broadway, New York.

At the reorganization Nelson B. Burr, president of the original company, resigned and Bird S. Coler was elected in his place. Edwin S. Hooley was elected 1st vice-president, August Oppenheimer 2d vice-president, and C. G. Alford 3d vice-president.

The board of directors of the company is made up as follows: Bird S. Coler, president Guardian Trust Co.; Edwin S. Hooley, of Edwin S. Hooley & Co.; August Oppenheimer, of Oppenheimer Bros. & Veith; C. G. Alford, of C. G. Alford & Co.; Leopold Stern, of Stern Bros. & Co.; W. F. Carlton, chairman Evansville & Terre Haute R. R. Co.; Geo. E. Fahys, of Jos. Fahys & Co.; W. M. K. Olcott, of Black, Olcott, Gruber & Bonyng, lawyers; Alvin L. Strasburger, of Louis Strasburger's Son & Co.; A. K. Sloan, of Sloan & Co.; Milton P. Bagg, of Milton P. Bagg & Co.; Louis Windmuller, trustee Title Guarantee & Trust Co.; D. C. Townsend, of Neresheimer & Co.; Maurice Maas, secretary and treasurer.

J. M. Mossman is the architect in charge of the construction of the vaults and safes and the expectation is that the company will be in position to rent vaults and boxes by Nov. 1, and that the entire equipment will be ready before the close of this year or the beginning of next.

The company has a paid-up capital of \$100,000 and will commence business under the most favorable auspices. In connection with the vaults and safes for storage, a large room will be used as a Jewelers' Bourse for the convenience of the trade. The company will be closely allied with the Guardian Trust Co., whose offices are in the same building. A large number of the directors are men prominent in the jewelry trade, which fact will have a decided influence in building up its business in this industry.

The special feature of the company's business which should prove very attractive to the wholesale jewelry and diamond trade is that the office and outside vaults are accessible day and night.

Among the manufacturers and merchants who attended the annual meeting of the Canadian Manufacturers' Association at Halifax, last week, the jewelry trade was well represented. W. K. George, of the Standard Silver Co., attended, as did Thos. Roden, of Roden Bros.; R. Y. Ellis, of the P. W. Ellis Co., Ltd.; T. H. Lee, of the T. H. Lee & Son Co.; Geo. Chillas, of the Gorham Mfg. Co.; W. K. McNaught, of the American Watch Case Co., and Geo. H. Lees, of Hamilton.

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1866  
Randel, Baremore  
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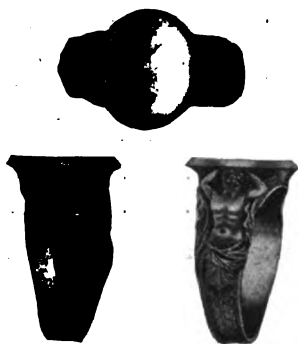
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Samples on application.

## George F. Kunz's Report.

Production of Precious Stones in 1901, to  
be Published by the United States  
Geological Survey.

[The publication of this Report was com-  
menced in THE JEWELERS' CIRCULAR—WEEK-  
LY of Aug. 13, and will be continued in this  
and succeeding issues until completed.]

### CORUNDUM.

#### ONTARIO.

Operations have begun regularly in the Ontario corundum regions, described in the report of this division for 1898. The Canada Corundum Co., Ltd., of Toronto, with a branch office at Bridgeport, Conn., has erected works and started operations on the Robillard property, in Renfrew district, township of Raglan, seven miles south of Cumbermere. As the corundiferous rock forms a large outcrop over a high hill, abundant material is in sight for years to come by simple quarrying, with no underground work. The rock averages from 12 to 15 per cent. of corundum, and it is found that the best material is produced when the mineral occurs well disseminated in rather small crystals; hence that portion of the deposit which presents this character is being principally exploited at present. The works are already supplied with varied machinery of modern type—crushers, jigs, concentrators, etc.—with a capacity of 20 tons a day; but more machinery is being added which will have double the capacity of that already installed, together with a magnetic separator for magnetite.

By the end of 1890 some 60 tons of sized corundum had been produced here, and a large number of wheels had been manufactured therefrom. These are reported, by all who have used them, to be of the highest quality for abrasive work.

Other companies are being organized to work other portions of the Ontario corundum field. Large exhibits of the corundum-bearing rock from this region were shown in the corundum section of the Mining Building at the Pan-American Exposition at Buffalo.

### RUBY.

#### BURMAH.

The Burmah Ruby Mining Co., Ltd., of which an account was given in the last report of this division, has again made a successful showing, after a number of years of difficulty now apparently past. The first favorable results, announced last year, have been exceeded in the year ending Feb. 28, 1901, as shown by the report of the directors' annual meeting in June. A dividend of 17½ per cent. was declared (as against 12½ per cent. in 1900) amounting to £26,163 10s., leaving a net balance to be carried over of £10,123 17s., as against £8,881 5s. in 1900.

The amount of gemiferous earth (byon) washed and the cost involved for the two years are stated as follows:

Operations of the Burma Ruby Mines.		Cost per load.
Year.	Number of loads.	d.
1900.....	818,185	10.39
1901.....	947,444	10.29

Comparing these data with those given in the table for the previous seven years (in the last report of this Division above cited), it will be seen that the yield continues to increase and the cost to diminish.

The second electrical pumping plant has proved eminently successful, and a third has been ordered and has arrived, intended for a new mine on which preparatory work was begun in January, 1900, and which was expected soon to be yielding gems.

#### PERIDOT.

During the past year the old forgotten mines of peridot, olivine and chrysolite were rediscovered in Egypt on the Red Sea. Great quantities of gems, weighing from one to three karats each were found, and some weighing 20 or more karats each. The larger ones were often fine in color; the smaller ones often of great brilliancy. This locality was unknown for some centuries, and perhaps all of the magnificent gems that exist in the churches and cloisters of Europe had their origin, as the writer has suggested, from these rediscovered Egyptian mines. The finest of the old gems are in the American Museum of Natural History and in the Treasury of the Cologne Cathedral, having been brought to Europe during the Crusades, and then having passed into commerce by the same processes that have brought so much



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**O. & B. RINGS**

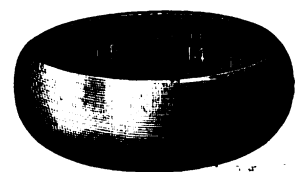
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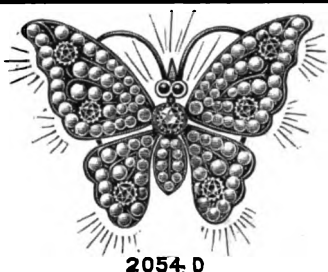
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SEND FOR SELECTION.

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fine Chinese jade and rock crystal from China to the United States during the past year.

### EMERALD.

#### NORWAY.

The old and well known locality for emeralds of Arendel, Norway, which has long yielded mineralogical specimens, was taken up for exploitation some two years ago, in the hope of obtaining gems, by the Norwegian and General Exploitation Co., Ltd., of London, and an exhibit was made of gems and specimens at the Paris Exposition of 1900. Many cut gems, generally pale in color, but generally free from flaws, were shown. Up to this time, however, the mines have not been profitably worked, and the second annual report of the company, presented on Dec. 21, 1901, is not very promising.

Work has been carried on through the year in a manner deemed entirely capable and satisfactory, but with small results in emeralds, though much fine beryl was procured. The uncertainty of emerald mining is referred to, and the statement made that "first-class stones may be met with at any time." The stock of emeralds on hand is valued at £984 19s. 8d., and the balance of the profit and loss account for the year is £2,110 11s. 6d. The stock of gems appears to have come over from the previous year, when it was valued at £1,127 2s. 9d., the diminution being due to sales made during the year.

This occurrence of emerald strikingly resembles that of the Crab Tree Mountain, Mitchell County, N. C., which latter locality has afforded many of the native emerald specimens, and has been noted by the writer in these pages.

### CHRYSOBERYL.

#### MANHATTAN ISLAND.

Chrysoberyl is a mineral of such rare occurrence that the recognition of another well defined American locality for it is of considerable interest, even though the specimens found be very few. The Manhattan gneiss, of which the island on which New York is built is mainly composed, is very rich in the number of mineral species which it has yielded, though few of them are abundant or remarkable for elegance. The late Benjamin B. Chamberlin, an enthusiastic local mineralogist, whose collection was purchased after his death by the New York Mineralogical Club and deposited with the American Museum of Natural History, where it still remains under mutual agreement, published a complete list of the minerals of the island, with bibliographical references to all previous treatment of the subject, in the transactions of the New York Academy of Sciences in 1888. In that list, which comprised no less than 76 species and 111 varieties, chrysoberyl is mentioned as having been found by William Nevins, near High Bridge, "in small crystals or orthoclase," in May, 1888, and also in the Fort George locality.

During the past year, however, Dr. Wallace G. Levison has published a full account of two very well characterized specimens obtained by him on Manhattan Island, one in 1893, and the other in August last. The first was exhibited at a meeting of the New York Mineralogical Club, November 9, 1894, but was not then publicly noticed. A full

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Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



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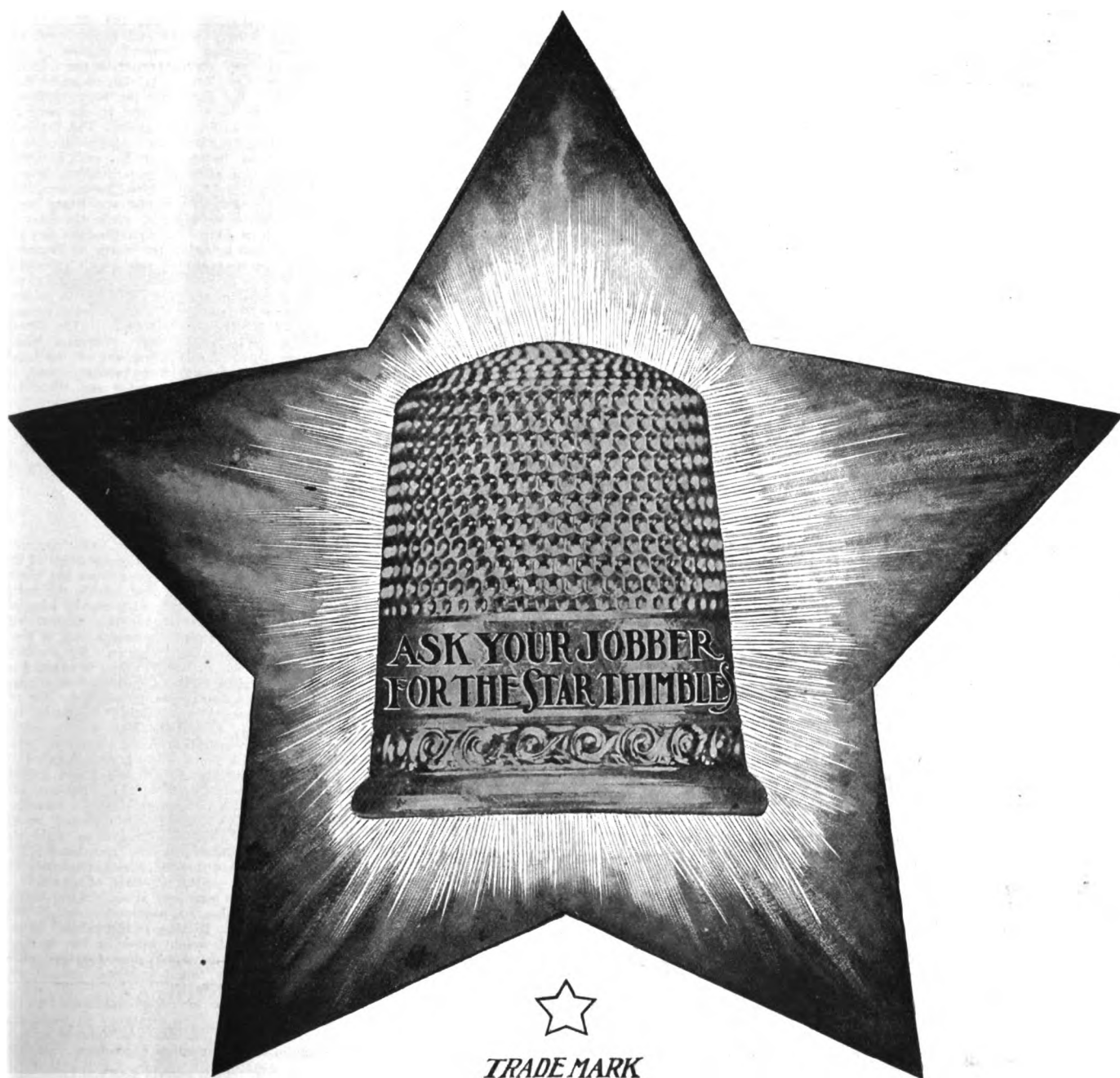
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we started the Hand-Carved Ring on its run for popular favor. It took immediately, has been increasing in popularity ever since, and to-day is in greater demand than ever.



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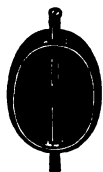
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description, with enlarged half-tone plate, was published in pamphlet by Dr. Levison, dated July 15, 1901, and a crystallographic account of it, with enlarged wood cut, by Dr. A. J. Moses, appeared in the *American Journal of Science* for August, 1901 (4, Vol. XII, No. 68, pp. 104, 105). After the discovery of the second and larger specimen, Dr. Levison prepared a second edition of the pamphlet crystals of chrysoberyl from the Borough of Manhattan, New York City, issued under date of October 15, and including the later specimen. The two crystals were not found in the same locality, but about half a mile apart. The first was from Eighty-eighth St. and Amsterdam Ave., the second from Ninety-third St. and Riverside Park. Both show that they represent several grouped crystals, part of which have been lost. Both have good color; the second and larger one a very fine, delicate light green, while the other is more brownish or olive. In crystallization they are not alike, the first being, in the words of Professor Moses, "of the heart-shaped type, with prominent pyramid, described by Rathrein as occurring at the emerald mines of Takowaia, Siberia, and is composed of two individuals with the usual twinning plane P (031). It is not tabular." The dimensions are 8 by 10 by 14 mm. Professor Moses gives a full list of measurements for all the faces. The second specimen is a larger tabular crystal, or rather several parts of one, some 8 mm. thick, and the larger portions over 20 mm. in diameter. The striated faces are broad and brilliant; no detailed measurements have been made of the others as yet. Both are in quartz, mingled with oligoclase feldspar. The specimens remain in possession of the finder, Dr. Levison, of Brooklyn.

#### GARNET RHODOLITE.

NORTH CAROLINA.

In the report of the survey for 1898 reference was made at some length to the composition of the peculiar and beautiful gem-garnet from the Cowle Valley in North Carolina, for which the name rhodolite has been proposed and generally adopted. At that time, as there stated, the mineral had been found only in rolled fragments, not in crystals, and its matrix was unknown. By a recent letter from Mr. W. E. Hidden, who is engaged in working the locality, it appears that these missing data are now to some extent supplied. He reports having found several crystals during the Summer of 1901, of considerable size, imbedded in a decayed or saprolitic rock, though of what character is not stated. One crystal weighed as much as 3½ pounds (avoirdupois), and yielded 800 karats of fine pale-red material, flawless, and suitable for cutting. The crystal was a hapezohedron, and had developed "parting planes" in all directions, but enough remained to yield the amount of gem material above mentioned. Mr. Hidden also reports having found rhodolites inclosing green and yellow crystals of apatite.

The yield for the year was about 200,000 karats, which may be valued approximately at \$20,000 after cutting. Mr. Hidden estimates that seven-eighths of the total weight must be lost in shaping and cutting, certainly three-fourths; while many of the pieces found—perhaps one-half—are too small to cut profitably.

Very fine exhibits of these rhodolites, in the rough and also cut, were displayed in the North Carolina section of minerals and mining at both the Buffalo and Charleston expositions.

#### ALMANDITE.

GERMAN EAST AFRICA.

Another remarkable discovery was that of garnet in Samsenfeld, German East Africa. The garnet is of an almandite variety, generally more

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Has been the leader in its line. During that time its merits and superiority have been recognized, not only by the community, but it also received **5 Awards** at the Columbian Exposition in Chicago. It has had the exceptional distinction of being selected by the **Czar of Russia** and other exalted personages of Europe, for gifts and specimens for art exhibitions, as representing the highest development of the art of glass cutting.

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We are also manufacturers and importers of **China, Pottery, Bric-a-Brac** and **Art Glass**, having our own factories at Limoges, France; Carlsbad, Bohemia; Rudolstadt,

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*Do not fail to call at our Show Rooms  
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No. 653/160. Richmond  
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## L. Straus & Sons, Manufacturers and Importers,

42, 44 and 46 Warren St. and 116 Chambers St.,

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## Pioneer Tortoise-Shell House.

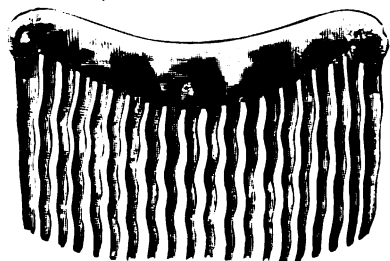
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\$3.00 EACH.**

Highly finished, hand made. 25 per cent. cheaper  
than any comb its equal on the market.

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Established 1857.



brown. It is brought to commerce in fractured pieces, probably originally larger crystals. Some of these fractured pieces measure over an inch in length and more than half an inch in thickness. Immense quantities have been found, and it has made its way extensively into the commerce of Europe in sacks weighing 50 or more pounds each.

### EPIDOTE, GARNET AND QUARTZ.

#### ALASKA.

A remarkable discovery has been made during the past year on the property of the Green Monster Copper Mine Company, near Sulzer, Prince of Wales Island, Alaska, of magnificent crystals, large in size and brilliant in color, of epidote and grossularite garnet, associated with twin crystals of quartz of the Japan type. The epidote crystals are implanted on a vein rock of epidote or on crystallized quartz, and are either associated or coated with crystallized quartz. The crystals are generally isolated and distinct, are rather slant in habit, are bright dark green with brilliant luster and pistache-green reflections. This color is more pronounced on the broken and fractured pieces. They are almost invariably twinned, and vary in size from 1 mm. to 15 mm. in length, in one case a single detached crystal weighing 359 grams (10 ounces).

The garnet is true grossularite, and is disseminated throughout the chalcopryite of the copper mine, in which it occurs in isolated dodecahedrons ("I") with the trapezohedral faces slightly developed. The more brilliant crystals, however, are found in the limestone contact, where they occur with lustrous faces from 3 mm. to 12 mm. in diameter, varying greatly in color—pale cinnamon, pale brown, rich honey brown, dark brown, pale yellow-brown, dark brownish-green, smoky brown, and greenish black. All these are in the form of crystalline sheets over a paler mass, and are not detached as when found in chalcopryite. The paler colored garnets are all smaller, the darker larger, some of the latter measuring 12 mm. on the face.

The quartz occurs generally crystallized, associated with, upon, or under the epidote crystals, almost always doubly terminated, transparent, and very often inclosed or coated with green chlorite. Among these are found crossed crystals. In habit the crystals resemble those of Japan, but none measure more than 1 inch in length. They are flat, and generally are coated with chlorite. The chalcopryite forms a large vein mass, with quartz containing cavities in which are malachite crystals. It also incloses pyrrhotite, as well as the grossularite. The epidote is principally found at a contact with a limestone vein, as is frequently the occurrence. The finer crystals, however, are not found in the vicinity of the main copper mass.

#### PERIDOT.

One remarkable development of the year was the great quantity of peridot—olivine or chrysolite, as the gem is known, fine examples of which at one time or another have existed among almost all well-known church treasures of Europe. The original location of these gems has been unknown for the past two centuries or more, at least of many of them; and, as the writer has suggested, they must have had their origin at the time of the crusades, having been brought from the East; and, from time to time, having found their way into commerce from churches and cloisters by those changes which time brings about, but which cannot be explained except by such processes as those by which jade and rock crystal objects have reached us from China during the past year.

(To be continued.)

Elwood Feichtinger, Womelsdorf, Pa., has moved into larger quarters on High St.

Jas. McMurry, a jeweler of Paterson, N. J., in a recent communication to J. P. McDonald, of the same place, recounted some interesting experiences which he had during his voyage to Ireland. The jeweler is said to have organized a debating club on the voyage and to have presided at discussions in which priests and other ecclesiastics and a college professor took part. One discussion which involved the social condition and the trusts lasted three days and it was resolved that on their return to America they would carry it into their respective congressional districts.



# UNTERMAYER-ROBBINS Co.

*To the Jobbing Trade:*

In addition to our extensive line of Set and Signet Rings, we are now showing a large and varied line of entirely new

**High Grade and Popular Priced Small Brilliant and Rose Diamond Combination Rings.**

We solicit comparison with other lines before placing your Fall orders.

## UNTERMAYER-ROBBINS CO.,

FACTORY,  
30 & 32 PLATT STREET N. Y.

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**WORLD BRAND**

SILVERWARE OF QUALITY BY GIFTED ARTISANS.

"WORLD BRAND" Silverware is appreciated by lovers of BEAUTIFUL SILVERWARE because of its exquisite designs and finish, and by the purchaser because of its superior quality and splendid wear. ALL FLATWARE bearing the "WORLD BRAND" trademark is guaranteed to be of the highest grade GERMAN SILVER BASE and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

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Is it safe to carry in stock silver plate backed by a name of questionable repute? There are many brands bearing almost identical trade marks and as a result confusion is inevitable. Is it not policy to buy

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spoons, forks, etc., as there is only one Wallace stamp on silver plated ware and that stamp is a guaranty of quality?

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Our mark on Sterling Silver is a guaranty of beauty and excellence.

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*See the two centre pages in this issue  
of the Jewelers' Circular-Weekly.*

## Diamond Mounting.

We are prepared to execute special order work  
in Diamond Mounting of the highest grade.

**PLATINUM FRONT WORK.**

**L. T. GRANT & CO.,**

Represented by  
PHIL. O. STUTZMAN.

**17 Maiden Lane, New York.**

### Samuel Carro Files a Petition in Bankruptcy.

Boston, Mass., Aug. 12.—Samuel Carro, a jeweler, 373 Washington St., filed to-day a voluntary petition in bankruptcy in the United States Bankruptcy Court, Federal building. The total liabilities are given as \$38,137.77, with assets of \$24,487.19.

Carro claims assets in encumbered real estate and bills receivable.

An involuntary petition by three of the creditors was also filed against Carro. The principal creditors are mostly New York firms. The full list is as follows: Hirsh & Hyman, \$5,692; J. M. Lyon, \$1,802; Arnstein Bros. & Co., \$1,900; Schulz & Rudolph, \$3,075; Oppenheimer Bros. & Veith, \$2,983; L. Strasburger's Son & Co., \$1,920; J. Wodiska, \$331; S. & I. Berman, \$1,269; B. H. Davis & Co., \$1,202; J. Adler, \$982; S. Lindenborn, \$3,698; S. Lyons & Son, \$550; Schickerling Bros., \$2,842; Bonner & Co., \$481; H. Remington & Son, \$858; Fera & Kadison, \$901; Triebs Bros., \$324; Chas. S. Crossman & Co., \$303; Kantor & Sheff, \$317; L. Heller & Son, \$512; Pitzele & Baschkopf, \$729; B. Milner, \$288.93; Harris & Lawton, \$1,229; Julius Dangel, \$550; A. W. Cluppert, \$350; B. J. Orkin, \$1,095; C. C. Bailey & Co., \$150; W. Finkel, \$159; Jacob Rubin, \$950; Davis Bros., \$184.

### Henry E. Bennett Gives His Reasons for the Dissolution of His Firm.

GLOVERSVILLE, N. Y., Aug. 13.—Henry E. Bennett, of Souder, Bennett & Co., Albany, N. Y., who dissolved partnership by mutual consent on Aug. 1, in a communication to THE CIRCULAR-WEEKLY gives his reasons for the dissolution.

It will be remembered that the partners of this concern got into the courts through the loss of their jewelry stock, which was taken from the store on July 9. There was a mystery for some time as to what became of the stock, but eventually the mystery was cleared up, the stock was returned and the firm dissolved.

In speaking of the dissolution Bennett said that he had invested \$1,000 in the business in cash and took charge of the practical end of the concern, working as a jeweler and a watchmaker. After putting his money into the concern Bennett says he worked hard at his bench, but eventually became convinced that he had made a mistake in going into partnership with Souder, and began to seek an avenue of escape. Souder, he claims, would not agree to any form of dissolution, save on the basis of \$100 cash and \$100 in accounts as Bennett's share.

However, now that the matter is settled Bennett declares that he is not particularly sorry for the experience that he had, even if it did cost him something.

### Reported Find of a Large Diamond at Rockport, Ky.

ROCKPORT, Ky., Aug. 13.—It has been generally reported in this city that a yellow diamond of 400 karats was found near Beach Grove by a man working in the coal mine.

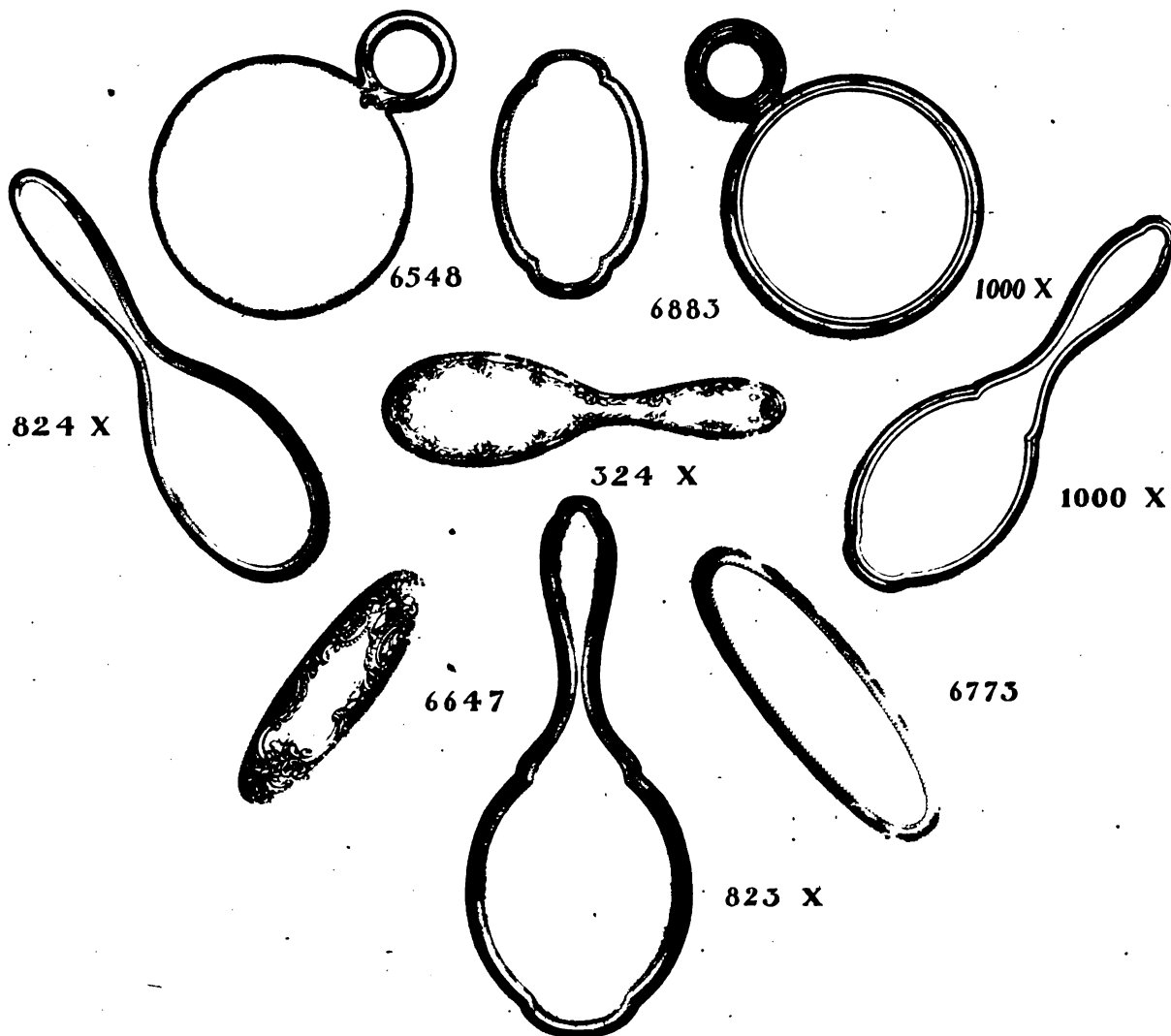
The crystal is said to be of octahedron shape and bears other characteristics of a rough diamond, though there is no authentic report of the stone having been classified by a mineralogist as a gem.



Colonia Thread,  
Oval Thread,  
Oval Half Round Wire,  
Colonia Half Round Wire,  
Colonia Applied Bead,  
Oval Applied Bead,

## Toilet Ware.

Oval Stamped Bead,  
Oval Pearl Bead,  
The Louis,  
The Lorelei,  
Plain or Satin in  
Oval or Colonia.



Nine complete lines of Toilet and Manicure Goods carried in stock. Also complete line of Hollow Ware and Spoon Work. .. ..  
Everything made by a legitimate silversmith will be found in our stock. .. ..



**Roger Williams Silver Company,**

NEW FACTORY,

101 Sabin Street, PROVIDENCE, R. I.

Salesroom,

860 Broadway,

New York.



On July 25, an humble bookkeeper replaced the worn-out silver case on his movement with

# The Royal

On Aug. 4, he got word from Ireland that a bachelor uncle had bequeathed him \$85,000.

He subsequently confided to the jeweler his belief that the bequest was Fortune's pleasant recognition of his wisdom in the Case transaction!

We can't see a connection between the two events, but we admit that the man who shows such good judgment in the selection of an uncle may safely look for guidance to the same judgment in the selection of a 20-year Filled Case.

## Philadelphia Watch Case Co.,

RIVERSIDE, N. J.

### The Diamond Markets.

AMSTERDAM, Aug. 2.—Trade has been quiet during the month of July, largely on account of the absence of buyers. There is also a general quietness observed in the other continental diamond markets.

The number of the inactive diamond polishers is always very large here and the "Diamantbewerkerbond" has given an interesting article about this important question. The following statistics give an idea about the exact situation: "In 1898 there were 21,977 weeks of total inaction among the members of the syndicate; in 1899 the number was 25,389 weeks; in the year 1900, 91,785 weeks, and in 1901, 83,195 weeks." The result is that workers are always too numerous for the demand in the trade.

ANTWERP, Aug. 2.—Business for the moment is satisfactory, for the season of the year, but the first two weeks in August will be very quiet on account of the holidays for the large fair.

A number of buyers have visited this city: Mr. Atlas, of Philadelphia; Mr. Rees and Mr. Rosenbach, of New York; Mr. Brandstätter, of Farnow, Austria; Mr. Rail and Mr. Stads, of Elberfeld, Germany; Mr. Pines, of Vienna, and Mr. Schreiber, also of Vienna; also Mr. Lieber, of Cracovia. None of these gentlemen, however, made extensive purchases in this city.

The offices of Messrs. Landy, Davenport & Co. are now at 2 Rue Otto Venius.

Thieves tried to enter into the store of Mr. Busch, a diamond merchant at 30 Rue Jacobs, recently, but were obliged to flee without any booty.

A reward of 500 francs is offered by the "Eigenwerkmakers en Fabrikanten Vereeniging-Diamantnyverheid" to him who can give some knowledge of the recent diamond

theft made in the factory at 17 Rue Kets.

A new failure occurred here, in a partnership of three brothers.

PARIS, Aug. 1.—Business in Paris is normal for this season of the year, although there was less business than in June, and business in August will not be any livelier.

The best demand is always for fine white brilliants and buyers are paying high prices for these, but medium and lower qualities are refused with offers of 20 to 30 francs per karat on former prices, so that no business results.

LONDON, Aug. 4.—Rough goods, especially the gross sorts, are very firm. Business in polished diamonds is slow, but our merchants expect better times in September.

An auction sale which took place in the beginning of this month showed once more that the price of pearls is daily getting higher.

The newspapers report an important theft of precious stones, committed in the store of Messrs. Yoans Bros., of Ely Place, the center of the jewelry and diamond trade in London. A clerk of the firm was occupied in packing up an order of 82,000 francs in value, for Amsterdam, when he was asked for at the telephone in the next room. On his return, five minutes later, stones classified in five packages were missed.

A. H. Wentz, Westminster, Md., has sold out.

It is probable that the Whittenton Pearl Works, Taunton, Mass., will be reorganized, though this cannot be accomplished unless present difficulties are all straightened out. The stockholders desire to settle the bank claim for borrowed money and are hopeful of being able to again put the company in a solvent condition.

IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.

## W. Green & Co.

SUCCESSORS TO  
GREEN BROS.

MANUFACTURERS OF THE CELEBRATED



IMPERIAL  
AMERICAN MAIN SPRINGS  
REGISTERED TRADE MARK  
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OPTICAL GOODS,  
WATCH CHAINS,  
SILK GUARDS.

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

**Our Cardinal Points:**

- 1st—Accurate and Rapid Filling of Orders
- 2nd—Unlimited Stock.
- 3rd—Right Prices.
- 4th—Best Grade of Goods.

**Our Newly-Refitted  
Salesrooms:**

Increased business has compelled us to double our floor space. We are now better prepared than ever to fill orders accurately and rapidly.


**MAIL ORDERS A SPECIALTY.**

This year we propose to do everything in our power to cement closer relations with business friends of many years' standing, and to make it to the interest of those who are not now our customers to become such.



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## GREEN APPLE PHILOSOPHY.

 HE inherited wisdom of ten centuries does not deter the latest boy from experimenting on green apples. . . . .

He refuses to accept information concerning green apples except from the apples themselves. He will heed only the preaching of his personal stomach-ache.

“Men are but children of a larger growth.” It is no longer green apples, but the chimera of getting value out of the valueless. The Jeweler eats his green apple when he tries to satisfy his appetite for Profit and Reputation by selling the kinds of Filled Cases that are “as good as the **BOSS.**” . . . . .

His green apple will assert itself, to his distress, in a little while—a year, five years, ten years, *some* time too soon. *Then* he will “know,” when Dr. Lost Trade is prescribing Experience Pills; but the Jeweler might have been spared his pains and his pills, by being wise in the green-apple time. . . . .

Keep to ripe apples, and prosper in financial health and happiness! . . . . .

### THE KEYSTONE WATCH CASE CO.,

19TH AND BROWN STS., PHILADELPHIA.

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## TROPHY AND CUTTING WATCHES,

Worn from the belt in the same way that Chatelaine Bags are worn. Send a trial order.

### New England Watch Co.

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building, San Francisco.

ACTUAL SIZE



SEND FOR SPECIAL BOOKLET

SHOWING OUR NINE STYLES.



### Returning Italian Jeweler Charged with Smuggling Jewelry.

Another alleged smuggling case was brought to light Wednesday through the arrest of Salvatore Criuze, of Chicago, Ill., who arrived on the Italian liner, *North America*, from Genoa, Italy. Criuze, who said he was a jeweler, first gave his address as 20 Maiden Lane, New York, but later said he lived in Chicago.

After he made his declaration that he had no jewelry, suspicion was directed to him and the customs inspectors thoroughly searched his clothing and his steamer trunk, but nothing was revealed.

Examiner Wm. A. Sanders, however, who was looking over Criuze's trunk on the dock, noticed that the bottom looked thicker than it properly should be. He asked Criuze if there was anything in the bottom and the latter said there was not. Sanders was not satisfied and measured the trunk inside and out. He found an inch difference, so he decided to investigate. He did so and found nearly a dozen small compartments, each carefully and neatly fitted into the bottom of the trunk. In the compartments were rings, chains and breast pins of Italian enamel.

All the jewelry was gathered up and turned over to Assistant Deputy Surveyor Norwood. Criuze still insisted that he had not attempted to smuggle anything, saying that all the jewelry was of American make and therefore neither dutiable nor liable to seizure. It was taken to the Public Stores and there appraised at about \$800. It was pronounced of Italian make, and Criuze was arrested.

Criuze had once bought a large quantity of goods from I. Castagnetta & Son, 20 Maiden Lane, New York, for his Chicago store, and immediately after being arrested on a charge of smuggling he notified this firm. Eventually a representative of the

firm came to United States Commissioner Shields's office in the Federal building, where Criuze was undergoing a preliminary examination. He corroborated the statement of the prisoner, saying that he was a jeweler of Chicago and strengthened part of Criuze's story, saying the latter had taken over a lot of jewelry made in Chicago to sell in Italy. Criuze said that the jewelry he was bringing back was part of the stock he had been unable to sell. He accounted for the false bottom in the trunk by saying that he had it built so that he could carry his goods through Italy in safety, as thieves were extremely common in that country.

Mr. Castagnetta said he knew Criuze had the jewelry when he sailed for Italy and declared that there would be no profit in smuggling it, as it was made in America cheaper than it could be bought in Italy.

Commissioner Shields held Criuze for trial in \$2,500 bail.

### Death of Daniel C. Miller.

LITTLE FALLS, N. Y., Aug. 13.—Daniel C. Miller, who for many years conducted a jewelry store in this town, died last week of general debility at his home on Southern Ave.

The deceased was 88 years old and early in life learned the trade of watchmaking, which he pursued for many years. During the latter part of his career he conducted a jewelry store next to the post office.

Mr. Miller is survived by a widow and one daughter. The funeral services were held Monday afternoon from his late residence.

The jewelers of Anderson, Ind., are considering the advisability of closing their stores on certain nights of each week. A proposition favorably acted upon by many is to close every night during the week, with the exception of Tuesday and Saturday.

## ESTABLISHED 1842 THE E. HOWARD CLOCK CO. MAKERS OF TOWER CLOCKS

WATCHMAN'S CLOCKS    LIBRARY CLOCKS    CHURCH CLOCKS  
OFFICE CLOCKS    SCHOOL CLOCKS    HALL CLOCKS  
BANK CLOCKS    ASTRONOMICAL CLOCKS    MARINE CLOCKS  
RAILROAD CLOCKS

↓ CLOCKS OF SPECIAL DESIGN AND ALSO THE FAMOUS  
"E. HOWARD & CO. WATCHES"

BOSTON OFFICE, 403 WASHINGTON STREET  
FACTORY, 206 Eustis St. (Roxbury Dist., Boston) NEW YORK OFFICE, 41 Maiden Lane

Chicago Office, 103 State St. R. B. REDFERN, Manager.

## 28 out of 45 PRIZES

were awarded to

## PATEK, PHILIPPE & CO.

In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.



# THE USUAL WAY.

A jeweler in a large city informed one of our travelers that he had just had a call from a representative of another manufacturing case-maker, who, in urging him to purchase, said that his

goods were well made and engraved, and were nearly as good as those made by the

*Good wine needs  
no bush.--*

*Shakespeare.*

**A.W.C.CO.** Our traveler then asked--"Do I have to say anything?" The jeweler replied--"Not a word. You can-

not be advertised to better advantage. We want the best only. Come in at 2 o'clock and I will select my Fall purchases."

The "Just as good" speaks for itself.

**American Watch Case Co.,**

9-11-13 MAIDEN LANE, NEW YORK, N. Y.



## THE NEW MODEL TRENTON

movements are peerless for beauty of design, perfection of finish, simplicity of construction and reliability, combined with moderate cost. They will please you and your customers.

Ask your jobber for samples and accept no substitutes.



No. 800.—7 Jewels, Nickel Damasked, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, . . . NEW JERSEY.

### The Value of the Estate Left by Charles L. Tiffany.

The appraisal of the estate of the late Charles L. Tiffany was made public Saturday and the value is much larger than was anticipated. The personal property alone is valued at \$9,639,043.35. Such realty as there was did not come under the appraisal, which may be summarized as follows:

Bonds of railroad and other corporations	\$2,599,573.10
Government, State and municipal bonds	1,449,698.28
Total	\$4,049,266.38
Stocks, railroad and other corporations	3,835,663.70
Total securities	\$7,884,930.08
Loans on mortgages and other collateral	315,208.67
Cash on hand and in bank	1,120,496.78
Cash receivable	308,682.28
Sundry personal effects	9,780.64
Making a total of	\$9,639,043.35
Deducting debts to the amount of	25,971.99

Net total of personality.....\$9,613,071.36

Since the death of the testator the estate received in dividends on the stock of Tiffany & Co. held by him \$67,900 in March last and \$169,750 in June. The household effects at his late residence, 255 Madison Ave., consisting of furniture, bric-à-brac, bronzes, paintings, books, china, glass and plate, is estimated at \$6,955 and gold and silver ware in safe deposit vaults, \$614.

The commissions of the executors are placed at \$289,729 and the expenses of the administration of the estate \$50,000. These, together with the debts left by the testator, make an aggregate of \$365,701, and, deducted from the total personal estate, leave a net estate of \$9,272,961 for distribution.

The total sum of the specific legacies left by Mr. Tiffany under his will aggregates \$2,615,150, and includes, in addition to numerous bequests to relatives and friends, the following: Louis C. Tiffany, son, and

Mrs. Annie O. Mitchell, daughter, each \$800,000, and Burnett Y. Tiffany, son, and Louise H. Tiffany, daughter, each \$450,000.

After the payment of all the specific legacies there will still be left a net residuary estate of \$6,607,811. This under the terms of the will is bequeathed to the four children—three-eighths each to Louis C. Tiffany and Mrs. Mitchell, or \$2,496,679 each, and one-eighth each, or \$832,226, to Louise H. Tiffany and Burnett Y. Tiffany.

### A Second Meeting of the Retail Jewelers' Association of Indiana.

MUNCIE, Ind., Aug. 14.—Announcement has been made that there will be a second meeting of the members of the Retail Jewelers' Association of Indiana, and that the meeting will be held at the Dennison House, Indianapolis, Sept. 17. Robert E. Scott, secretary and treasurer of the organization, has commenced sending out calls for the meeting, and desires Indiana jewelers who are not yet affiliated with the organization to become members before the meeting is held.

The organization was perfected last May, when Joseph Hummel, Jr., of Muncie, was elected president. William Hazeltine, of Kokomo, became vice-president, and Mr. Scott was made secretary and treasurer. The purpose of the organization is to protect the retail jewelers from traveling auctioneers, peddlers and others who misrepresent their wares.

### Career of the Late Lee Kohn.

MISSOULA, Mont., Aug. 13.—The death of Lee Kohn, of the Kohn Jewelry Co., announced in the last issue of THE JEWELERS' CIRCULAR—WEEKLY, has caused much sorrow among his many friends throughout this district.

Mr. Kohn was born in Southern Austria 43 years ago, and emigrated to America in 1875. Ten years later he came to Montana, where his brother had preceded him, and since that time had spent the greater part of his life in Missoula, though he had also resided in California and other cities of this State.

Mr. Kohn was a prominent member of the Odd Fellows, having been Past Master of Covenant Lodge, No. 6, of Missoula.

He is survived by Herman Kohn, of Missoula, a brother, and also by a brother and sister in Austria.

The funeral services, which were largely attended, were conducted by Dr. M. Eisenberg, of Butte, while additional services at the grave were under the auspices of the Odd Fellows.

### Elkhart Jewelry Store Robbed and Proprietor's Brother Arrested.

ELKHART, Ind., Aug. 13.—Norman E. Felt, a jeweler, reported to the police yesterday that his store had been broken into and robbed of jewelry valued at \$125.

After an investigation the police arrested William Felt, brother of the complainant, but on his way to jail the prisoner broke away and escaped. The officer shot after the fugitive but did not succeed in capturing him.

The jeweler announced later that he would not prosecute the alleged robber.

## There is a Big Demand

for Wadsworth Watch Cases, steadily increasing because of our strong advertising in such publications as Century Magazine, Munsey, Delineator, etc., Engineers Journal, Telegraphers Journal, etc. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in stock a full assortment in time to meet first calls. We will send a handsome

### Show Case Mat

to dealers who send us five Twenty-five Year Tags, or ten Twenty Year Tags. Save them and send them to us.

THE WADSWORTH WATCH CASE CO. . . . Dayton, Kentucky.



# *The* W. J. JOHNSTON COMPANY *Fifth Ave. & Market St., Pittsburgh, Pa.* ❖

## Wholesale Dealers in AMERICAN WATCHES

---



We have accepted the agency for the general  
line of Watch Movements made by the

## Illinois Watch Company

and are prepared to fill orders promptly for all  
grades of these well known movements.

### *The* Celebrated Bunn Specials 24 AND 21 JEWEL MOVEMENTS

are especially constructed for RAILWAY  
SERVICE and are without superiors. ❖ ❖  
ILLINOIS WATCH MOVEMENTS are  
noted for their fine construction, beautiful  
finish, and remarkable timing. Made lever  
setting only. ❖ ❖ SEND FOR PRICE LIST.



### Young Woman Swindles Savannah Jewelers by Means of Forged Letters.

SAVANNAH, Ga., Aug. 13.—The police of this city are looking for a neatly dressed woman about 30 years of age, who was reported by many of the principal jewelers here to be a clever swindler.

According to the stories told by the jewelry firms the woman succeeded in getting a large quantity of valuable articles by means of letters forged with the names of prominent people. Theus Bros., of 1 W. Broughton St., reported that the woman presented a letter at their store signed with the name of the wife of the president of the J. P. Williams Co., stating she was Mr. Williams's niece and might purchase jewelry on Mrs. Williams's account. The woman is

said to have selected three rings and a brooch worth about \$1,819, which were given to her and charged to Mrs. Williams's account.

At the store of A. L. Desbouillons, 43 Bull St., it is said that the woman presented a letter stating she was the niece of the president of the Germania Bank, on the strength of which she obtained \$369 worth of jewelry. The jeweler learned later that the letter was a forgery and reported the matter to the police, but the woman has not yet been captured.

Clark Bros., St. Cloud, Minn., have arranged to open a modern jewelry business at Little Falls, Minn., about Sept. 15. They have a very fine store in St. Cloud.

### Frank G. Meyer's Store Robbed by a Burglar.

DAYTON, O., Aug. 14.—The jewelry store of Frank G. Meyer, of 134 S. Main St., was robbed by a burglar last night and watches valued at \$145 were carried away.

The burglary was a daring one inasmuch as the store is but one square from Police Headquarters. Entrance was gained by prying open a shutter, and the window was raised. The thief lost no time in getting to work. The store was completely ransacked, but the only plunder which the thief succeeded in getting away with, was seven watches, four men's and three women's, the latter being of the enameled variety.

Shortly before 7 A. M. a man was seen to leave the store, and when called to, turned and fled. A few minutes later a clerk employed by the jeweler arrived and the burglary was discovered.

### Milwaukee Detectives Arrest Man Charged with Robbing Chicago Jewelry Store.

MILWAUKEE, Wis., Aug. 14.—A man giving the name of Alexander Freedman, and who was said by the police to be a clever "pennyweight" thief, was arrested in this city yesterday by Detectives Mauger and Laubenheim on the charge of stealing jewelry in Chicago.

Freedman is charged by the Chicago police with stealing a tray of watches from the store of the Barrios Diamond Co., 120 State St., that city, and is held here to await requisition on that charge.

When arrested the prisoner said that he was a jewelry salesman, and claimed that he had been engaged in selling cheap jewelry in this city, but neither confirmed nor denied his guilt.

### Thief Steals Two Watches from a Springfield, Mass., Jeweler.

SPRINGFIELD, Mass., Aug. 13.—A robbery was committed at the jewelry store of Julius D. Kingsberg, 203 Main St., Monday evening, by a well dressed young man who had been looking at some watches.

Mr. Kingsberg, after showing the man several different styles of timepieces, left two upon the counter and turned his head for a minute, whereupon the customer quickly grabbed the watches and rushed out of the door. The stolen watches were valued at about \$20 each.

Mr. Kingsberg reported the matter to the police and stated that the thief was about 27 years old, 5 ft. 8 in. high and weighed about 160 lbs.

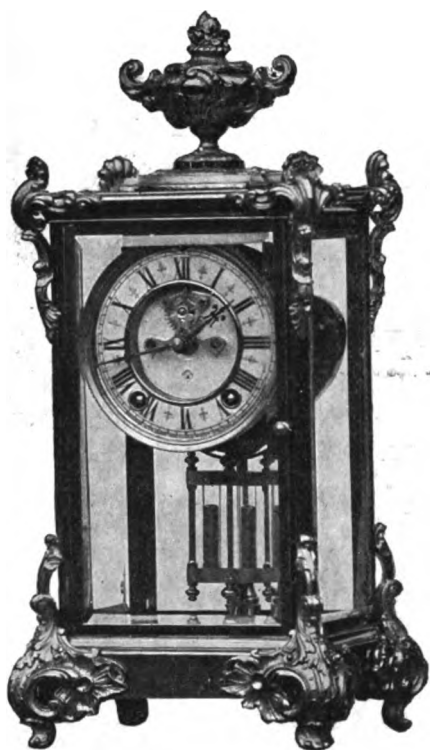
### Roscoe M. Crosby & Co. Make a General Assignment.

BOULDER, Col., Aug. 13.—Roscoe M. Crosby & Co., retail jewelers of this city, have made assignment for the benefit of their creditors.

The exact amount of the assets and liabilities have not yet been definitely stated, but it is believed that there will be little, if any, loss to the firm's creditors.

Loren Russell, Burlington, Ia., has moved his jewelry stock into the McMahon block, where he will remain until the completion of his own building.

# CLOCKS



### MARQUISE.

Eight-Day, Half-Hour Gong Strike.  
Height, 15 1/4 inches. Width, 7 1/2 inches.  
Porcelain Visible Escapement Dial, 4 1/2 inches,  
Arabic or Roman.  
Mercurial Pendulum.  
Polished Brass, Rich Gold Trimmings, Beveled  
Plate Glass Front, Sides and Back.  
Made with Jeweled Sash and Pendulum, additional.

are great advertisers. They are always on view, always doing duty. Many will inquire as to where a handsome clock was purchased who would not evince curiosity regarding jewelry or other wares. A beautiful clock advertises the jeweler's artistic reputation. A good time-keeping clock advertises his reliability.

*Push your clock department; it pays.*

Clocks that are always artistic and always right bear this trade mark.



The mark that's known the world over.

## THE ANSONIA CLOCK CO.,

NEW YORK, 99 JOHN STREET.  
CHICAGO, 90-94 WABASH AVENUE.



## The Frenchman's Way Was Best.

Once upon a time three philosophers decided to investigate that curious creature, the camel. The Englishman went into a great library to find what had been written about the beast; the German locked himself in his room, lit his pipe, and evolved a conception of the camel from his inner consciousness; the Frenchman took a journey to see it.

### The Crown Filled Case

There are three ways of investigating the merits of The Crown Filled Case.

We commend the Frenchman's way; but it is not necessary to take the journey. Simply ask your jobber's traveling salesman to show it to you; *insist* upon seeing it on his next trip, if he "forgot it" on the first trip; and you will see something "really worth while" in a Filled Case.

PHILADELPHIA WATCH CASE CO.,

Riverside, N. J.

**ROY**



**ROY**



**ROY**



**Roy**

watch cases are favorably known by particular people all over the globe. . . . .



**ROY**

**ROY**



**Roy Watch Case Co.,**  
21 MAIDEN LANE, N. Y.

MAKERS OF WATCH CASES IN SOLID GOLD ONLY.



**ROY**



**ROY**



**ROY**





# A. & B.

## HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

## AVERY & BROWN,

68 Nassau St., New York.

### New Stores and Enterprises.

*(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes.")*

W. F. Baier is a new jeweler at Jordan, Minn.

F. H. Spriggs has started in business at Carman, Man.

S. D. Spratt is about to open a store in Conway, Ark.

A new jewelry store will shortly be erected at Scottsville, Ky.

Geo. B. Knowles has opened a jewelry store at Fernie, B. C.

Hubbard & Wrentz are preparing to erect a large plating plant in Sterling, Ill.

A. A. Peters & Co. have started in business at 116 N. 7th St., Allentown, Pa.

William Dupen, formerly of New Whatcom, Wash., has opened a new store in San Jose, Cal.

Sam Bowman, a well-known jewelry auctioneer, will shortly open a jewelry store at 127 E. 12th St., Kansas City, Mo.

Clarence Ackerman, of Petaluma, Cal., has opened a jewelry store at Calistoga, Cal.

H. W. Taylor is erecting a new jewelry store at Carters, Cal.

R. W. Wheeler, formerly of Bath, N. Y., has opened a silver-plating establishment over T. F. Wheeler's store, at Penn Yan, N. Y., and will also engage in the manufacture of silver spoons.

The People's Mfg. Co., Detroit, Mich.,

has filed articles of incorporation to conduct a general mercantile business in silverware and novelties. The capital stock is placed at \$20,000, of which \$2,100 is paid in. The stockholders are: E. H. Houghton, E. D. Pudrith, George E. Comstock and George E. Comstock, trustee, each of whom holds 500 shares.

The certificate of incorporation of the Auburn Extract Co. was filed recently in the county clerk's office at Auburn, N. Y. The company's purposes are to manufacture and sell jewelry and other accessories. The capital stock is \$60,000, divided into 600 shares of \$100 each. Its duration is to be 50 years and the directors, with the number of shares owned by each, are as follows: Alice E. Marshall, 409 shares; John G. Marshall, 1 share; Prosper F. Gillette, 190 shares.

### Death of Erasmus Kaiser.

BROWNSVILLE, Pa., Aug. 13.—Erasmus Kaiser, the oldest and most prominent jeweler of this city, died Sunday at his residence.

Mr. Kaiser was 75 years old and was born in Greensburg, where he learned his trade as jeweler. He was one of the pioneers of Brownsville and had been in the jewelry business here since 1852. In his career of half a century he built up a prosperous business and was well known throughout Fayette County.

The deceased is survived by a widow and four children, one of whom, William Kaiser, is now in charge of the business formerly conducted by his father.

*The history of the trade never furnished a more conspicuous example of success won by persistently pushing a good article than that afforded by **SIMMONS CHAINS.***

**W**E pushed them because we had faith in the chains—because we knew we were making the best gold-filled goods that could be made—because we believed the spreading of that knowledge would create the great and growing demand for them that it *has* created.

We're still pushing Simmons Chains in season and out of season—to the benefit of every jeweler who carries them. A little pushing on his part will benefit him still more. Every retailer who shows a good line, a big assortment, of Simmons Chains this Fall—and makes the fact known—is certain to do a bigger chain business than he ever did before.

**R. F. SIMMONS COMPANY, ATTLEBORO, MASSACHUSETTS.**  
NEW YORK, 9 MAIDEN LANE. CHICAGO, 126 STATE ST.



COMMANDER  
14 K  
GUARANTEED  
25 YEARS

ELGIN PRIDE  
ONE QUARTER 14 KARAT GOLD  
MADE LIKE SOLID GOLD CASES  
PERPETUAL GUARANTEE

GIANT  
14 K  
GUARANTEED  
20 YEARS

# A Perpetual Wearing Case.

Scientists Seek and in Vain for the Secret of Perpetual Motion.

We have discovered the secret of a perpetual wearing watch case. The ELGIN PRIDE  $\frac{1}{4}$  Gold 14 Karat Case retains its beauty in conjunction with its strength and stiffness.

UNIQUE DESIGNS.

PERPETUAL GUARANTEE.

Illinois Watch Case Co., Elgin.



## Sit down and think it over—

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

### THE BASSETT JEWELRY CO.,

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
37 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
1116 Lumber Exchange.

WEEKS, ADV.  
PHILA.



# To Large Diamond Buyers:

## IMPORTANT

**O**UR recent large purchases of rough and other special facilities, among which are our cutting works, the largest and most completely equipped in this country, enable us to offer Diamonds of our own cutting in original lots to importers and large dealers at prices equal to those of any European Market, thus saving a duty of 10 per cent.

*This announcement means exactly what it says.*

## Stern Bros. & Co.,

68 NASSAU STREET,

CUTTING WORKS:  
135-142 W. 14th Street.

NEW YORK.

CHICAGO,  
149 STATE STREET.

LONDON,  
29 ELY PLACE.

### Last Honors to Samuel A. Otis.

PROVIDENCE, R. I., Aug. 16.—The funeral of the late Samuel A. Otis, whose death was chronicled in the last issue of THE CIRCULAR-WEEKLY, was held at noon, Thursday, from his late residence, 203 Adelaide Ave.

The high esteem in which Mr. Otis was held was evidenced by the large attendance. Many of Mr. Otis's business associates as well as members of organizations with which he was connected, were present.

The services were unostentatious in their nature. They consisted of Scripture reading and a long impressive prayer in which the officiating clergyman, Rev. E. S. Gould, of the Union Congregational Church of this city, paid a tribute to the character and large hearted nature of the deceased.

The floral display was unusually magnificent. Prominent among the set pieces were those from Palestine Temple, Mystic Shrine; St. John's Lodge, F. and A. M.; Rhode Island Consistory, Scottish Rite Masons; St. John's Commandery, No. 1, Knights Templars; Jencks Lodge, No. 24, F. and A. M.; What Cheer, No. 20, Royal Society of Good Fellows; Providence Lodge, No. 3, A. O. U. W.; Annex Whist Club, Standing Committee of the Union Congregational Church, young people of River View, employees of Harvey & Otis, Pomham and West Side clubs. In addition there were many from individuals.

There were no Masonic exercises at the funeral, in accordance with the expressed desire of Mr. Otis and the wishes of the family.

The burial, which was private, was in the family lot at Swan Point Cemetery.

### Death of William H. Elliott.

BOSTON, Mass., Aug. 18.—William H. Elliott, a former wholesale jeweler of Boston, died early Saturday morning, at his late home in Manchester, N. H., at the age of 81 years.

Until a few weeks ago Mr. Elliott had been active in the management of a jewelry business in that city, which he had conducted for many years. He had been very successful, and is believed to have left a large estate.

Mr. Elliott was born in Londonderry, N. H., September 5, 1821, and may be called the father, or almost the grandfather, of the jewelry business in Manchester.

At the time of his business connections in Boston he was also managing stores in Manchester and Laconia, N. H. At one time he manufactured spectacles, and was from the start interested in the science of optics. He was one of the first to adopt the conclusions of science that made a new departure in the fitting of lenses to defective vision.

Mr. Elliott had many friends among the Boston trade, and was often seen in this city during the last few years.

Oliver R. La Montague, Lead, S. D., will move into the new brick and stone business block which will be completed in about a month.

Walter P. Reichert's store, Peoria, Ill., was recently entered by burglars, who escaped with three gold watches. The plush cases which contained the watches were found in an alley near the store.



# We Are Now

showing an exceedingly large and well assorted stock  
in original lots, at prices to interest large buyers.

## ARNSTEIN BROS. & CO.

*Importers and Cutters of*

# DIAMONDS

NEW YORK,  
65 Nassau St.

LONDON,  
29 Ely Place.

AMSTERDAM,  
12 Tulp Straat.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

## ALFRED H. SMITH & CO.,

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**WM S. HEDGES & CO.,**  
IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**

**DIAMOND JEWELRY.**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **New York.**  
26 Holborn Viaduct, London.

**Diamonds, Pearls**  
AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**

IMPORTERS AND CUTTERS,

1 MAIDEN LANE,  
NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS** AND OTHER  
PRECIOUS STONES

FINE PEARLS A SPECIALTY.

68 Nassau St., cor. John St., Sheldon Building, Room 16 NEW YORK.

CHARLES L. POWER.

ROBT. B. ALLAN

**CHARLES L. POWER & CO.,**

CUTTERS AND IMPORTERS OF

**Diamonds, Rubies, Pearls, Emeralds, Sapphires,****170 Broadway,** BROADWAY-MAIDEN LANE BUILDING, **2 Maiden Lane,**  
**NEW YORK.**

**SMITH & NORTH,**  
IMPORTERS OF  
**DIAMONDS.**

DEALERS IN  
AMERICAN WATCHES AND FINE JEWELRY.

14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**

14 MAIDEN LANE, NEW YORK.

LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.

**Death of Cyrus E. Foster.**

BOSTON, Mass., Aug. 15.—Cyrus E. Foster, of the firm of Arnold A. Robert & Foster, watch case manufacturers, 46 School St., died suddenly yesterday evening at his home, 20 Sherwood St., Roslindale district, Boston.

Mr. Foster was stricken with apoplexy in his office, late yesterday afternoon. He was preparing to go home when one of the office assistants saw him place his hand to his head and complain of feeling ill. C. T. Allen, one of the men in the place, was asked for by Mr. Foster and a physician was called. A carriage was summoned and the



THE LATE CYRUS E. FOSTER.

sick man was taken to his home, where he died shortly after his arrival. This was the third attack of a similar nature experienced by Mr. Foster during the past year.

Cyrus E. Foster was born in Rowley, Mass., 47 years ago. For the past 17 years he had been associated as partner of Mr. Robert, and for six years previous to that he was with Serex & Robert, in Province Court.

Mr. Foster was a man greatly liked by the trade and his partner, Mr. Robert, spoke in the highest possible terms of the deceased. His death will be generally regretted by the trade. The deceased left a widow and an adopted daughter.

Mr. Foster was the secretary and treasurer of the Twenty-One Associates of Roslindale ever since it was organized about 11 years ago. He was also a member of the Bethlehem Methodist Episcopal Church.

The funeral services will be held Monday.

The case of Frank B. Wilson, Albany, N. Y., against Wm. Clifford, constable, Colonie, N. Y., charging the latter with purchasing a watch on the installment plan and giving a false name with the intention to defraud, has been postponed until Aug. 26.



**Providence.**

R. G. Schutz is now located in new quarters at 43 Sabin St.

The Leo Paffee & Sons have removed to 131 Washington St.

John H. Tuttle has returned from a vacation spent in Maine.

B. L. Colvin & Co. is the firm style of a new concern located at 193 Richmond St.

Among the recent removals was that of the Providence Jewelry Finding Co., from 129 Eddy St. to 180 Friendship St. D. F. Adams has also moved his factory to the top floor of the building which he has occupied for the past three years.

Creditors of the L. Fitzgerald Co. have been notified by Chester W. Barrows, Referee in Bankruptcy, that the trustee for the bankrupt company has filed a petition for leave to sell all the assets of the concern. A hearing on the petition will be had tomorrow, at 10 A. M., at 87 Weybosset St., room 47.

**Attleboro.**

Miss Ioline L. Bacon, sister of George M. Bacon, of Bates & Bacon, died last week.

C. H. Allen & Co. have secured the room in the Makepeace building, vacated by the Attleboro Mfg. Co.

James E. Blake, of the James E. Blake Co., is reported by the local press to be the first one of several manufacturers contemplating to offer to equip a room in the \$400,000 hospital, which is being built in Attleboro by a coterie of seven manufacturing jewelers.

Frank Mossberg is authority for the statement that the Attleboro manufacturers are engaged in an extensive correspondence with manufacturers all over Massachusetts, with a view to forming a combination for offense and defense in case legal steps are taken by the Paris, France, makers of steel, who have shipped immense quantities of their product to this country. Small orders were placed with their representative by scores of Massachusetts manufacturers, including a large number of Attleboro, North Attleboro and Providence jewelers. The goods have come far in excess of what was ordered, and there are alleged to have been threats of legal action if the consignments were not paid for. As it is the freight houses of the three jewelry centers are loaded with tons of steel which the consignees refuse to accept. Charles H. Tappan, of the D. F. Briggs Co., states that he ordered \$150 worth of very expensive steel, and his consignment, still in the freight house, would last his firm over 20 years.

Coal to the amount of 1,200 tons, the first lot of a much larger shipment, arrived for the Attleboro jewelry manufacturers' steam plants last week. An opportunity

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

**MOUNT & WOODHULL,**

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS,

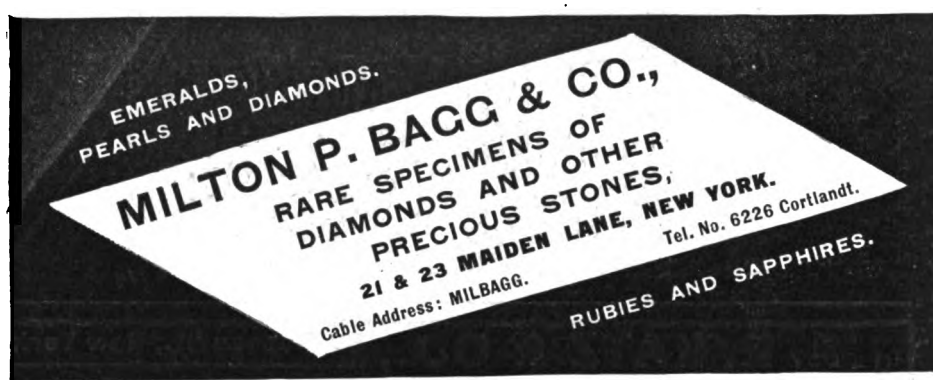
IMPORTERS OF

**DIAMONDS,****OTHER PRECIOUS STONES,****PEARLS, ETC.**

MAKERS OF

**FINE  
DIAMOND  
JEWELRY.****26 Maiden Lane**

(Southwest Corner Nassau Street),

**NEW YORK.****Amsterdam, Holland.****SALE BY AUCTION**

OF A BIG

**Bankrupt Stock of loose Diamonds****ALL BRILLIANTS.**

In all about 2,000 Karats, on Tuesday, September 2d, 1902, in the auction rooms "de Brakke Grond," by E., J. and I. J. Vita Israel and Maurits Prins, Brokers.

**PARTICULARS AND CATALOGUE TO BE HAD ON DEMAND.****Eliassof Bros. & Co.**IMPORTERS  
AND  
JOBBER OF**DIAMONDS  
WATCHES  
JEWELRY****9-11-13 MAIDEN LANE  
NEW YORK.****100 STATE STREET,  
ALBANY, N. Y.**



## PEARLS.

256 Westminster St., Providence, R. I.

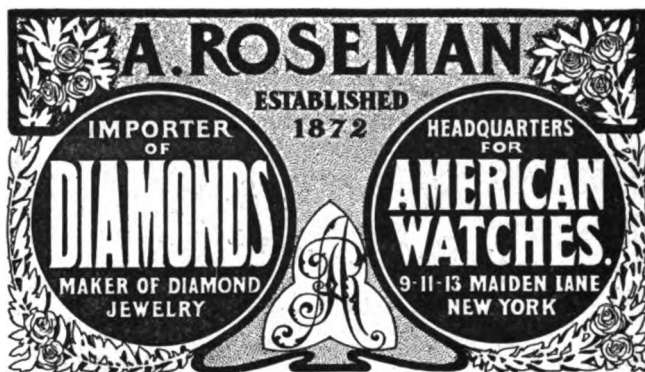
Tel. No.,  
662 Cort't.

10 Rue Cadet, Paris.

Lapidary Works: 93-95 William St., New York.

**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.**A. R. KATZ & CO., 87 Nassau St., New York.**

came to the men in this section to buy steam making coal far below the prevailing prices, and they accepted the chance almost unanimously.

Frank Hall, of F. D. Hall & Co., notified the police last week of an unsuccessful but bold attempt by burglars to rob his dwelling.

P. J. Cummings, of the P. J. Cummings Co., has written friends at home that he will reach Attleboro after a lengthy European trip about the 28th of this month.

The following is from the report of last week's sitting of the Bristol County Referee in Bankruptcy in the matter of Blackinton & Ladd, manufacturing jewelers, of Attleboro:

First meeting, oath administered, adjourned to third week in September in Taunton. Liabilities, \$826.23; assets, \$5,928.78. Claims of \$681.22 of T. W. Lind, of Providence, objected to and status determined later. Claims allowed: Goodfriend Brothers, \$22.50; N. Perry & Co., \$52.09; Grant Brothers, \$34.73; Leo Potter & Son, \$35.15; Fred E. Briggs appointed trustee.

### North Attleboro.

J. J. Somer has been enjoying ocean breezes at Cottage City.

F. A. Howard, of Frank N. Whiting & Co., has returned from Cottage City.

Daniel Chisholm, of the Bugbee & Niles Co., has returned from a flying western trip.

John E. Tweedy, of Cheever, Tweedy & Co., was in town from Cottage City last week.

The W. & S. Blackinton Co. base ball team beat the C. M. Robbins team recently by a score of 10 to 8.

Donald Le Stage, salesman for R. D. Merritt & Co., and who was taken sick at Cottage City, recently, has recovered from his illness.

O. W. Clifford, of the office of G. K. Webster, had as his guest, last week, Thomas Short, of New York, formerly well known among the jewelers here.

## Oppenheimer Bros. & Veith,

*Cutters and Importers of Diamonds,  
Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.LONDON,  
45 HOLBORN VIADUCT.CUTTING WORKS,  
COR. UNION AND NEVINS STS., BROOKLYN.



Louis A. Blackinton has been summering at Cottage City.

W. H. Bell & Co.'s plant is now located in the Robinsonville shops.

H. E. Hull, of W. H. Bell & Co., is enjoying two weeks fishing at Unity, Me.

The first of A. H. Bliss & Co.'s touring cars has been delivered to the purchaser.

A break in the machinery at the Robinsonville factories caused a temporary shutdown Thursday.

A large portrait of W. H. Riley, of Riley, French & Heffron, was finished Thursday, and placed on exhibition.

The sprinkler tank at the factory of Riley, French & Heffron is being rebuilt. It collapsed last Spring, causing complete demolition.

Very few, if any, of the local concerns have sent out their regular salesmen. Sept. 1 will see a big exodus with some scattering departures before that time.

Frank Holmes, of the B. S. Freeman Co., buried his father on Monday, at Providence. The departed was for a long time a resident of Attleboro Falls.

#### Plainville.

C. A. Whiting returned last week from New York.

F. B. Maintien has returned from a vacation trip spent on Cape Cod.

All the shops started last week after a shutdown for repairs to the power plant.

John L. Thompson, of Thompson & Remington, has returned from Cottage City.

W. P. Cheever, foreman for Maintien Bros. & Elliot, was the victim of a bicycle accident on Friday.

A large western electro-plating concern is negotiating to remove to Pittston, Pa. The Pittston board of trade recently considered the proposition made by the concern, namely, the purchasing of a certain amount of stock necessary to instal this industry, which promises to employ 100 men and a few girls. It is believed that many moneyed men of Pittston will subscribe towards the enterprise.

## EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

65 NASSAU STREET

(Prescott Building),

NEW YORK.

"The  
Pearl  
House."

EISENMANN BROS.,

IMPORTERS OF

FINE ORIENTAL PEARLS,

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 & 23 MAIDEN LANE, N. Y.

## SCHULZ & RUDOLPH,

IMPORTERS OF

**Diamonds and other Precious Stones.**

SOLE AGENTS FOR

**JULES JÜRGENSEN WATCHES.**

28 John Street and 65 Nassau Street, - New York.

Importers of  
Precious  
and  
Imitation  
Stones

*K. Heller & Son*

Jewelers' Court

51 MAIDEN LANE, NEW YORK.

Special:  
PEARLS  
AND  
OPALS

**1902-3 VEST POCKET BUYER'S DIRECTORY**

Kindred Trades. JUST ISSUED. Price 50 cents. JEWELERS' CIRCULAR PUB. CO.

of the Manufact-  
urers and Jobbers  
in the Jewelry and

A special feature of our business is filling special calls for Important and Rare Gems in Pearls, Diamonds and Colored Stones. We carry the largest Assortment of Loose Pearls in the trade and in addition a complete assortment of

**Pearl Necklaces, Collarettes, Ropes,  
Earrings and Studs.**

Our Diamond stock is always kept up complete in all qualities and sizes.

**American Pearls and Baroques.**

Dealers ordering of us are put to no expense for insurance or expressage.

**JOSEPH FRANKEL'S SONS,**

19-20 Holborn Viaduct, London.

TELEPHONE, 2733 JOHN.

68 Nassau Street, New York.



**Boston.**

J. M. Bragg, with J. C. Sawyer & Co., has been to Antrim, N. H., for his Summer outing.

George F. Garland, manager for E. A. Cowan & Co., 373 Washington St., is at Readfield, Me., with his family.

William M. Duff, watchmaker for E. E. Sanborn, New York, was in Boston, last week, as he is spending his vacation at Lynn.

Henry D. Morse, watchmaker for the E. F. Place Co., 81 Hanover St., is spending his vacation at his cottage, at Falmouth Heights, South Shore.

J. C. Sawyer, of J. C. Sawyer & Co., is passing the Summer months at Enfield, N. H., going up there Friday night and remaining until Tuesday morning.

N. L. Ripley, president of the Ripley-Howland Mfg. Co., is at Wolfboro, N. H., for the month of August. F. T. Anderson, with the same company, is also away for his vacation.

The Colonial Fountain Pen Co. has been organized at Portland, Me., with a capital stock of \$15,000, of which \$150 is paid in. The president is Marcus W. Feldman, and the treasurer is Adolph Erlebach, both of Boston.

In the case of James H. Semple, of Underhill St., Winthrop, charged with the larceny of a diamond ring, valued at \$265, from George E. Smith, of 101 Tremont St., the defendant was held in \$500, for trial Aug. 28.

George W. Enborn, jeweler, at Attleboro, Mass., has filed a petition in bankruptcy in the U. S. court here. According to

the schedules of liabilities he owes \$1,272, with no assets. Most of the creditors are among the Attleboro and Providence trade.

Harry Honey is now in Charles St. jail awaiting trial next month for the alleged larceny of diamonds valued at \$500, stolen from Benjamin B. Freeman, 495 Washington St. Honey was discharged from Cranston jail, Rhode Island, Aug. 6, and brought to Boston, and is now under \$1,000 bonds.

Louis A. Nemser, whose arrest for the alleged larceny of diamonds valued at \$439 from Ezra E. Rubin, 59 Washington St., was reported, last week, was discharged in the Municipal Criminal Court, but was re-arrested on an indictment warrant, and was held for trial in the September term of the Superior Criminal Court. Nemser is now out on bonds of \$800.

Charles H. Pearson, proprietor of the Chelsea Clock Co., whose Boston office is at 16 State St., denied emphatically Saturday that he was about to sell, or contemplated selling, the business to another company. There has been a persistent rumor to that effect, recently in local clock circles, but Mr. Pearson makes a decided denial of the truth of the report.

A. B. Wallace, engraver for Daniel Low & Co., Salem, was the victim of a paralytic stroke early last week, and according to the statement of his physician, there is little hope for his ever returning to business. Mr. Wallace was for 15 years with George H. Richards, Jr., & Co., one year with J. C. Sawyer & Co. and two years in the office of H. W. Clark before entering the employ of Daniel Low & Co.

**Waltham, Mass.****TRADE CONDITIONS.**

Business with the toolmakers was never better. One tool works is running full force overtime, while another has also run overtime and given no vacations.

John Bath, superintendent of one of the tool companies, is on a business trip through Pennsylvania.

Daniel O'Hara, of the O'Hara Waltham Dial Co., spends his afternoons at his seaside residence.

An attractive aluminum souvenir bearing a delineation of the American Waltham Watch Co.'s plant is being marketed by R. B. Johnson, 663 Main St.

E. L. Sanderson, one of the proprietors of the Waltham Machine Works, is an accomplished photographer. Many of the photographs which he sends out would do credit to a professional.

When the addition to the American Waltham Watch Co.'s factory is complete the plant will present over half a mile of continuous structure facing Crescent St. The north wing will be considerably altered and the treasurer's office in its new location will present an imposing appearance. As already told by THE CIRCULAR-WEEKLY, work on the additions has been going on for some time. Various wings have been raised one story higher, and a new tower at the south end of the factory has been built. The addition between the main factory and the treasurer's office is of brick, and will be four stories high to conform with the rest of the plant.

**Philadelphia.**

J. E. Caldwell & Co. have renovated their store at 802 Chestnut St.

J. Warner Hutchins has returned from a pleasure trip to Long Branch.

G. T. Brodnax, a Memphis jeweler, was in this city Friday purchasing goods.

J. C. Bartlett, 221 S. 10th St., is confined to his bed with inflammatory rheumatism.

Solomon Hirman, a watchmaker from Roumania, has located at 726 Chestnut St.

J. Donahue, manager of the Philadelphia Pearl and Novelty Co., is on a vacation trip.

Harry Barry, salesman with M. Sickles & Sons, is spending a vacation at Atlantic City.

Joseph Sommers, of the Philadelphia Jewelry Mfg. Co., is spending his vacation at the seashore.

Emil Bracher, of Bracher, Becker & Barnett, Newark, stopped over in this city last week en route to California.

Weinmann & Bros., who recently removed to 1217 Arch St., have now completed the alterations to their new establishment.

F. B. Wallen, with L. C. Reisner & Co., who is summering at Wildwood, N. J., reports that he helped last Sunday to land an eight foot shark.

A suit over the garnet mine in Delaware County, known as the Lancaster Farm, brought by George W. Sharp against Herman Behr & Co., to recover damages for alleged breach of contract was partially settled in the United States Circuit Court last week, when Judge Archibald rejected the claim for salary of the

# Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

## HAYDEN W. WHEELER & Co.,

### TWO MAIDEN LANE, N. Y.

Telephone, 8 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



superintendent, Sharp, but ordered a reconveyance to him of the mine, and the payment to him of royalties in the ore mined. The question as to damages was referred to a master.

Charles L. Flood, Philadelphia representative of Reed & Barton, has resigned his position, and expects to accept a responsible place with a local house.

A paving stone was hurled at the pawnshop window of James Winon & Son, 2954 Kensington Ave., Saturday morning, and jewelry valued at about \$50 stolen. The alleged thief has been arrested.

The colored man who was detected in the act of forcing an entrance to the jewelry store of Charles Asquith & Son, 8409 Germantown Ave., and who was captured after a chase extending nearly to Norristown, was, last Saturday, committed to jail without bail. He gave his name as Louis Henry White.

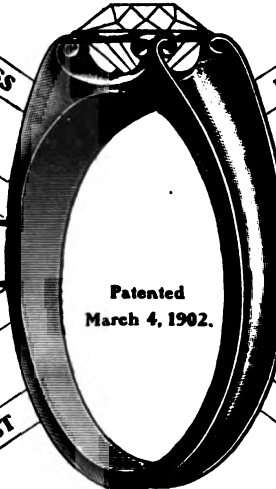
The handsomely furnished rooms of the Philadelphia Jewelers' Club, at 1225 Chestnut St., were threatened by fire last Monday, when a blaze broke out in the basement of the building. The flames were quickly extinguished, the club's steward having turned in an immediate alarm. No damage was done to the club rooms.

#### Worcester, Mass.

Andrew P. Lundborg, 315 Main St., recently lost two open faced gold watches by a suave thief who entered the store to make inquiries as to whether a man whom he described, had called there for him. He grabbed the watches from the show case when the clerk's back was turned and escaped with them. The police have his description.

The fire which originated in N. R. Thibert's photograph gallery, in David Scott's block, corner of Main and Mechanic Sts., early last Saturday morning, did damage to Edward Moulton's jewelry stock estimated at several thousand dollars. Mr. Moulton has the first floor store, and while some of his stock was protected, the water gave his stock a thorough soaking and it will be several days before he will be able to make an estimate of his loss. The stock is covered by insurance to the extent of \$15,000. This is the second time within two years that Mr. Moulton's stock has been damaged by water and fire which originated in the photograph gallery.

A. Abendroth, Portland, Ore., was married, Aug. 12, to Miss Helen Hubert, of that city.



**SECURITY** **MOUNTING**

Patented March 4, 1902.

**SCHRADER-WITTSTEIN CO., Mfg. Jewelers,**  
**NEW YORK, SOLE MAKERS AND PATENTEES, CHICAGO,**  
 21-23 Maiden Lane. Est. 1863. 103 State Street.

**FULLY COVERED BY PATENTS. ILLUSTRATED PRICE LIST ON APPLICATION.**



### Comfortably Situated

as you may have been on your vacation, the time is here when you must get back to business and prepare for the Fall Trade. In order to be properly prepared, you need to have in stock some of our well known sellers. Our representative will call on you at an early date.

#### HENRY FREUND & BRO.,

The Jewelry House,

**DIAMONDS, WATCHES AND JEWELRY.**

Elk Goods a Specialty.

9 MAIDEN LANE, N. Y.

# H. GATTLE,

MAKER OF

**HIGH GRADE DIAMOND JEWELRY.**

IMPORTER OF

**DIAMONDS AND PRECIOUS STONES,**

DESIGNS AND  
ESTIMATES FURNISHED.

**65 Nassau St., Prescott Bldg., New York.**

MEMORANDUM  
ORDERS SOLICITED.



## Pittsburgh.

### TRADE CONDITIONS.

A noted improvement is generally reported. From present indications a splendid Fall trade, especially in wedding presents, is expected.

Geo. B. Barrett, of the G. B. Barrett Co., has returned from a fishing trip in Canada.

H. W. Ewalt, manager of the optical department of R. Siedle & Sons, is spending his vacation at Conneaut Lake.

L. W. Vilsack, of L. W. Vilsack & Co., left, last week, for Atlantic City. He was accompanied by his family, and will be away about two weeks.

H. C. Mahler, of the Geo. B. Barrett Co., is back to work again, after a vacation spent amidst the interesting points of southeastern Canada.

Sam F. Sipe has arrived from Europe, where he goes every year on a purchasing trip. On Wednesday Mr. Sipe took the largest lot of diamonds and precious stones out of bond that was ever received by the Custom House at Pittsburgh.

Philip Ruprecht, a Sharpsburg jeweler, whose place was robbed in January, 1900, says he has located some of the stolen goods at Erie. A jeweler at that place recently purchased some gold filled watch cases, and Ruprecht says they are some of the articles taken from his store when he was robbed.

Philip Gillespie, of Gillespie Bros., returned last week from a vacation spent at Atlantic City. A. A. Gillespie, of Gillespie Bros., left early in the week for an extended trip, which includes Put-in-Bay, Chicago, Buffalo, Niagara Falls, points of interest in Canada, and several eastern points. He will return in about two weeks, via New York.

Considerable excitement but little damage was caused in lower Fifth Ave., Thursday afternoon, by a small fire in the cellar of the jewelry store of John M. Roberts, at 441 Market St. The fire was caused by a lighted candle, which, being overturned, ignited some waste paper. The fire was extinguished before it had done any serious damage.

H. B. Hayes, of the Hardy & Hayes Co., returned Saturday from a purchasing tour of Europe. Mr. Hayes was accompanied by his wife, and during the three months he was abroad combined business with pleasure, and visited some of the noted points of interest in the Old World. J. A. Hardy, of the same firm, is at Atlantic City with his family, where he will spend a couple of weeks.

Word has been received in this city that B. E. Arons, 215 Smithfield St., narrowly escaped drowning at his Summer home, at Angola, N. Y., where, with his family, Mr. Arons has been spending the Summer. In company with A. L. Bowden, also a Pittsburgher, Mr. Arons set out for a sail in a large flat-bottomed boat, last week, and about a mile from shore the boat hit a rock and filled with water. Both men clung to the submerged boat for a time, but as there was no help in sight, they determined to make their way to shore before they became too exhausted. Bowden is an expert swimmer, and assisted his companion into the shallow water, where some fishermen came to their assistance. Both men were

very much exhausted, and for a time it was feared that Mr. Arons would not survive the shock. The two men were taken to the Arons cottage and medical aid hastily summoned.

## Connecticut.

Geo. D. Munson, of Wallingford, has returned from Saratoga.

J. C. Storm, an old employe of C. Parker Co., Meriden, died recently in Washington, D. C.

Geo. Swett, traveling salesman for Factory L, International Silver Co., last week visited the Meriden factory.

George S. Bedient, of Danbury, has taken a position as traveling salesman with the Rogers Silver Plate Co.

Edward H. Mansfield, of Boston, Mass., has become associated in a business capacity with the Southington Cutlery Co.

The stockholders of the Wm. L. Gilbert Clock Co., Winsted, held their annual meeting Aug. 13, and re-elected all their old officials.

George Perkins Spencer, a former jewelry drummer, died last week at Willimantic, from an abscess in the head, aged 54 years.

Henry E. Biggins and family, Mrs. F. A. Waldo and W. W. Waldo, of Wallingford, left, last week, for a two weeks' sojourn at Westbrook.

The diamonds, valued at \$1,000, which were recently reported to have been swallowed by a dog at Greenwich, have been recovered, owing to the skill of a veterinary surgeon named Fowler.

Chas. Scheidler, aged 39, a grinder formerly employed by the Meriden Cutlery Co., recently committed suicide at his home in South Meriden, by drinking the contents of a two ounce bottle of carbolic acid.

Maltby Fowler, formerly of North Haven, died recently at the residence of his daughter in Mt. Carmel, aged 69 years. He had been a manufacturer of silver plated spoons in North Haven for several years.

Gen. Geo. H. Ford, New Haven, returned last week from Newport, R. I., to attend the Governor's day exercises at the C. N. G. State Encampment, at Niantic, whence he left for another week's sojourn at Newport.

Fifty of the oldest employes of E. Miller & Co.'s factory, Meriden, recently paid Edward Miller, Sr., president of the company, a surprise visit in honor of his 75th birthday. Several laudatory speeches were made by the gentlemen, which were responded to by Mr. Miller.

Samuel Dodd, N. L. Bradley, E. P. Goldeh, W. F. Rogers, William Collins, Walter Hubbard, Geo. H. Wilcox, Geo. Miller and Geo. M. Curtis are among the leading men of Meriden on the general committee of Meriden for the coming reception of President Roosevelt in that city.

The Arms Pocket Book Co., Hartford, is to be reorganized with increased capital. The reorganizers are Duane B. Nash, Dwight W. Palmer and Albert P. Esty, residents of Springfield and Worcester. The reorganized company will be known as the Arms Pocketbook and Leather

Novelty Co., and will have a capital stock of \$75,000.

D. A. Parker, a well known jewelry salesman for Isaac Brush, Bridgeport, while sojourning last week with his family at Wells, Vt., had a narrow escape from a bolt of lightning which demolished a room which had just been vacated by Mr. Parker. The ball of fire afterwards entered the sitting room occupied by other members of his family, and Miss Parker and a sister of D. A. Parker sustained a severe shock.

## Baltimore.

The rebate system put in operation by the Merchants' and Manufacturers' Association of this city has proved a good drawing card so far to southern merchants, 60 having taken advantage of the offer within the last week.

During mass at St. John's Catholic Church at Frederick, last week, the heavy weight attached to the big tower clock broke, and after crashing through several floors landed in the belfry and caused much excitement among the congregation. The weight releasing the clock springs caused an incessant striking on the three bells it controlled until it ran down, causing commotion in the neighborhood. The damage is estimated at about \$500.

The old town Merchants' and Manufacturers' Association left last week for Boston on their annual August tour with about 100 members, friends and their families. From Boston a trip will be taken to Portland, to the White Mountains, then by boat to New York, and by rail to Philadelphia and home. The trip promises to be one of the most enjoyable, as every detail has been carefully arranged by the committee, of which John G. Gehring, of John G. Gehring & Son, is chairman.

Detective Hogan last week arrested a man while he was attempting to pawn a one and one-half karat diamond stud which the man claims he found. His suspicious actions in front of the pawnbroker's attracted the detective's attention, and when he entered the detective went to the door and motioned the clerk not to accept the stud offered, whereupon the man became suspicious and bolted out. He was followed and was seen to meet two others further down the street. The detectives attempted to arrest the whole trio, but only succeeded in capturing the man with the jewel after a struggle. At the station he gave his name as John Anderson.

J. H. Svatek, known by many aliases, who was arrested here last week with a long string of local burglaries to his credit, is also charged with the larceny of five gold-filled gentleman's watches, four ladies' gold-filled watches, and light gold plated chains, valued in all at \$90.25 from Wm. McCallister, 221 W. Baltimore St. The Pearre E. Crowl Co., stationers, Light and Lombard Sts., identified 68 fountain pens, valued at \$78, and R. L. Golder, stationer, 229 N. Howard St., identified 21 fountain pens and inkstand and block, valued at \$26. Svatek also had a quantity of single pieces of jewelry that have not as yet been identified, some of which were new and in cases.



### Preparations for the Annual Outing of the Philadelphia Jewelers' Club.

PHILADELPHIA, Pa., Aug. 16.—The Board of Governors of the Philadelphia Jewelers' Club have made final arrangements for the annual outing of the members Tuesday, Aug. 26. There will be many features of the outing this year which will be novel to many of the members, particularly the clambake at Lincoln Park, which picturesque place on the lower Delaware River has been reserved for that day for the exclusive use of the jewelers.

A steamer has been chartered and will leave Chestnut St. wharf with the party at noon. A caterer from Rhode Island who is an expert in arranging clambakes will have charge of that feature of the entertainment. There will be music, outdoor sports and probably a scrub game of ball.

Already 150 responses have been received and the indications are that there will be a very large attendance. Wm. H. Long and J. Warner Hutchins have had practically entire charge of the arrangements, as most of the other members of the Board of Governors have been away.

### Midsummer Outing of the Boston Jewelers' Club.

Boston, Mass., July 15.—The annual midsummer outing of the Boston Jewelers' Club was held at the Point Shirley Club, Winthrop, Tuesday afternoon and evening. Dinner was served at 4 o'clock and the club members remained through the evening enjoying bowling and other games.

Those present included Arthur H. Pray, president; William A. Thompson, vice-president; James S. Blake, Henry W. Patterson, Charles F. Morrill, E. A. Bigelow, Charles O. Lawton, A. Barker, E. J. Boyce, Woodbury Melcher, William S. Tiffany, H. B. Burnham and John B. Humphrey.

The question of a Fall outing came up for discussion and it was decided to have one. A feature of this outing will be the presence of ladies as the guests of the club.

### C. L. Ayres & Son File a Voluntary Petition in Bankruptcy.

BIRMINGHAM, Ala., Aug. 20.—Chauncey L. Ayres & Son, doing business here as opticians and dealers in photographers' goods, have filed bankruptcy papers in the United States Court. Their liabilities are something like \$5,000. The following are the larger creditors, the balance being small: Trier & Bergfield, \$421.74; Eastman Kodak Co., \$352.81; C. D. Torrey, \$41.67; Jefferson County Bank, \$200; Fender Photo Supply Co., \$74.47; M. J. Moffett, \$28.95; Rochester Optical and Camera Co., \$360.80; Geo. A. Steel Co., \$1,120; Birmingham Jobbing Co., \$2,800; C. B. Vandegrift, George A. Steele, \$2,240; W. Schiler & Co., \$16.97.

The other creditors are all over the country. They are caught for small amounts. The assets amount to something, and there will be some to divide. Chauncey L. Ayres & Son came here about two years ago. They have been doing what seemed to be a brisk business on Second Ave., maintaining a workshop as well as stock. The firm stood well in the trade, and their misfortune is regretted by many friends.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Krementz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

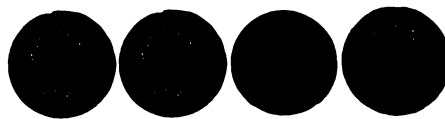
To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Krementz & Co., 40 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Krementz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Krementz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.



**Trout & Co.** DIAMONDS.

**Brooches,**  
14k., 10k. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
BRACELETS,  
HAT PINS,  
ELK BUTTONS.

"Runaway Girl" and "Florodora"  
BAGS, HAT, BROOCH AND CUFF PINS, WAIST SETS,  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**BIG SELLERS.**

CATALOGUE READY ABOUT SEPT. 1ST, OF  
**Ebony, Gun Metal and Leather  
Novelties.**

**CHAS. L. TROUT & CO.,**  
5 AND 7 MAIDEN LANE, NEW YORK.

### Importers of Half Pearls Still Having Trouble Over the Duty.

Importers of half pearls have been having troubles for some time over the various duty questions pending between them and the Government and a few days ago several prominent firms were thrown into serious alarm by the receipt of notices from the Custom House ordering them to pay additional duties at the rate of 60 per cent. on a number of invoices of half pearls dating back as far as eight or nine months ago.

It was argued that this might be the beginning of an attempt by the Collector to exact increased duties on all half pearls imported under the present law and some of those concerned stated that they would not comply with any such demands.

In order to learn whatever could be known about the Collector's intention in this regard and also what remedies the importers would have against the supposed programme, a CIRCULAR-WEEKLY reporter called on Albert Comstock, who is conducting, for many of the chief importers, the contention that half pearls should pay only 10 per cent. duties and based on his information and on facts picked up from equally reliable sources the following may be stated:

When the ruling of the Board of United States General Appraisers was announced, near the end of May, to the effect that half pearls in ordinary assortment ought to pay 60 per cent. duty, the importers' attorney asked the Treasury to order, as had been done formerly concerning drilled pearls, that the exaction of any such extreme duty be withheld until the importers' appeal could be heard in the courts. A delegation

of importers also appeared in person at Washington to urge this, but the Secretary declined the request and directed that the duty should henceforth be 60 per cent. until a court should decree a lower rate. It was understood by all, however, at that time that the high duty would be placed only on entries arriving after the date of the Board's ruling, in accordance with rulings often given, that increased duties under any decision should not apply retroactively.

But it appears that the United States Appraiser has been months in arrears in passing on invoices and the Collector equally behind in liquidating them and on these old invoices and also some still older which were being reviewed on protest, return and liquidation have been made at 60 per cent.

The demand for additional duties is not at all likely to cover any extensive field, for the Collector cannot reliquidate an entry over one year old, unless to accord with a protest, and of half pearl entries within one year there are for various reasons but very few which are liable to reliquidation. Since the end of May, for instance, no invoices have been entered except of unasorted goods, and these are passed at 10 per cent.

Even on the few entries likely to be affected, however, the demand for 40 per cent. of added duties, after the stones have been sold and the importers are without recourse, is a very serious matter and the trade and its counsel are in conference as to the best course to pursue. It is strongly hoped that the Secretary of the Treasury, on learning what the Collector has done, will direct that the liquidations at 60 per cent. be cancelled and restored to 20 per cent., being hereafter confined to entries later than May 24, and a delegation will perhaps lay a request to this effect before him. Should he decline, it is thought that under recent decisions at law the importers have the option between paying the duties demanded, with a suit to recover them, and refusing to pay, thus compelling the Collector to make good his assessment in court before he can enforce it. If this can be done it may hasten the final ruling as to the proper duty on half pearls and there is much confidence that such ruling, whenever given, will place these stones on a 10 per cent. footing.

### Receivers Appointed for the Baltimore Silver Plate Co.

BALTIMORE, Md., Aug. 14.—Judge Stockbridge, in Circuit Court No. 2, yesterday, appointed James E. Tippet and Robert H. Carr receivers for the Baltimore Silver Plate Co., of 326 W. Pratt St.

The appointment was made on the petition of William S. Carr, William W. Carr and Robert H. Carr, executors of the estate of the late Gen. Robert H. Carr, who, during his lifetime, loaned \$4,000 to the company, for which promissory notes are held by his estate.

The bill filed by the plaintiff alleges that the debt is now \$4,230 and that the company is insolvent. The attorney for the defendant admitted allegations of the bill, and consented to the appointment of a receiver.

The new 4-story building of the R. Wallace & Son's Mfg. Co., Wallingford, Conn., is rapidly nearly completion.



Cuts are one-half size.

**OUR NEGRO MINSTRELS.**  
**Band of 6 - \$1.00 complete.**  
Made of Metal and appropriately decorated.

**L. W. LEVY & CO., 194 Broadway, New York.**  
Importers and Manufacturers of Novelties in Metals China, Glass and Leather.  
AGENTS FOR THE ART CHINA DECORATING CO.—AMERICAN HANDPAINTING ON CHINA.





Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their conferees.

George Wettstein, Cedar Rapids, Ia., started for the Pacific Coast on a 10-weeks' trip, in which he will cover over 8,000 miles.

J. L. Holland, representing B. F. Norris, Allister & Co., left Chicago, Ill., last week, for the west.

E. S. Villamore, representing the C. B. Norton Jewelry Co., left Kansas City, Mo., last week, for his Texas trip.

Travelers in Chicago, last week, included: H. D. Sherrill, Sinnock & Sherrill; Mr. Henderson, R. L. & M. Friedlander.

"Charlie" Garlick, western representative for Charles F. Wood, left Chicago, Ill., last week, for a trip to the coast.

J. W. Stoneburner, representing the J. W. Fuller Co., returned to Chicago, Ill., from the middle west circuit, last week.

Harry Farquharson, western representative for Bliss Brothers & Co., left Chicago, Ill., the latter part of last week, for an eastern trip.

M. H. Shiman, representing Potter & Buffinton, left Chicago, Ill., last week, for a short trip to Cleveland, Pittsburgh and Cincinnati.

"All" Paulson, of Henry Paulson & Co., Chicago, Ill., recently returned from a trip through the west, reporting a good business. He left Saturday, for an extended trip.

Dwight Terry, representing Berlin & Jones, H. L. Lyman, Denison Mfg. Co., and B. Levy, Philadelphia Watch Case Co., were soliciting orders from the Toronto trade, last week.

The following traveling men interviewed the Portland, Ore., trade, last week: John S. Jepson, Riker Bros.; R. H. Schwarzkoff; Alex. W. Rothschild, Rothschild Bros.; F. H. Ryland, La Pierre Mfg. Co.

Among the traveling salesmen who visited Denver, Col., during the past week, were: M. Shiman, of Shiman Bros.; Robert L. Robinson, Dennison Mfg. Co.; George G. Guild, Robert Gair; and Jules Franklin, L. Tannenbaum & Co.

Elson C. Ellis, formerly with M. J. Averbeck, New York, has associated himself with E. A. Cowan & Co., Boston, Mass., and will, in the future, represent that firm in New York, Pennsylvania, Massachusetts, Connecticut and Rhode Island.

The following eastern representatives were in St. Louis, Mo., last week: I. L. Friedman, L. Adler & Son; Memen M. Purdy, William A. Rogers, Ltd.; L. E. Smith, M. B. Bryant & Co.; M. W. Smith, S. B. Champlin Co.; Lucien Rockwell, Poole Silver Co.

E. A. Cowan, of E. A. Cowan & Co., Boston, Mass., started, last week, on a three-months' trip through the south. W. F. Macomber has gone to Texas on a four-months' trip, and H. L. McGachie has started on a trip through Vermont, Maine and New Hampshire.

Traveling men in Indianapolis, Ind., last week, included: F. J. Wirtz, Spencer Optical Mfg. Co.; S. J. Hughes, Moore & Son; George H. Remington, Waite, Matthewson & Co.; Max L. Jacoby, Manchester Mfg. Co.; Walter S. Strauss, Jacob Strauss & Sons; F. R. Sheridan, Arnold & Steere; R. H. Shailer, E. N. Welch Mfg. Co.; E. Huhn, Fera & Kadison; I. W. Lederer, S. & B. Lederer Co.

The following representatives called on the Pittsburgh, Pa., trade, during the past week: S. W. Abbey, E. Ira Richards & Co.; C. J. Roehr, Bassett Jewelry Co.; Bert Sinauer, Oppenheimer Bros. & Veith; H. A. Scofield, Scofield, Melcher & Scofield; L. Jaskon, Fink, Bodenheimer & Co.; F. D. Smith, Reeves & Browne; Mr. Mills, Theo-

dore W. Foster & Bro. Co.; J. F. Dean, Reed & Barton; Jul. F. Schuman, Jr., William Kinscherf; E. Huhn, Fera & Kadison, New York.

Among the representatives who, recently, visited the trade in Detroit, Mich., were: M. E. Van Bergh, Van Bergh Silver Plate Co.; William N. Pierce, W. W. Pierce Mfg. Co.; James A. Zobel, James M. Cohen & Co.; A. W. Ware, Arthur W. Ware & Co.; Jacob Schorsch, I. Emrich & Co.; J. T. Griffith, Jr., Carter, Howe & Co.; W. S. Dudley, International Silver Co.; Walter S. Noon, W. F. Cory & Bro.; P. M. Layman, Riker Brothers; H. W. Raymond, Fred C. Steimann & Co.; M. L. Barnard, J. B. Bowden & Co.; Charles H. Anderson, Allsopp Bros.; W. H. Race, International Silver Co.; George Detmering, Herman Keck Mfg. Co.; F. D. Smith, Reeves & Brown.

Among the traveling men who visited Minneapolis and St. Paul, last week, were: E. A. Tylre, Ansonia Clock Co.; F. C. Somes, S. O. Bigney & Co.; Elmer Anderson, O. H. Bingenheimer; Harry Stein, Fleischman & Co.; representative of the Hamilton Silver Plate Co.; George Gubbins, Elgin Watch Case Co. and Rockford Watch Co.; Thomas Rogers, Riker Bros.; Fred Foster, Unger Bros.; B. Eichberg, Eichberg & Co.; R. Schley, Sloan & Co.; Mr. Sherrard, Enos Richardson & Co.; Ferguson Mead, Barbour Silver Co.; H. L. Taylor, Riley, French & Heffron; F. J. Wildes, Wilcox Silver Plate Co.; Robert S. G. Edwards, Whiting Mfg. Co.; W. H. Burton, Gorham Mfg. Co.

Traveling men visiting the Columbus, O., trade, last week, included the following: T. E. Bowne, E. Ira Richards & Co.; A. L. Fuller, Towle Mfg. Co.; V. L. Burgessee, Kremenitz & Co.; Mr. Tewksbury, Frank W. Smith; Henry Hahn, Henry Hahn & Co.; S. K. Jonas, I. W. Friedman; H. Fein, L. H. Keller & Co.; Fred Casper, Mauser Mfg. Co.; J. W. Stoneburner, J. G. Fuller Co.; R. G. Marsh, C. A. Marsh & Co.; Emil Pick, Hammel, Riglander & Co.; Frank E. McCullin, William A. Rogers, Ltd.; Frank N. Wilcox, International Silver Co.; F. R. Sheridan, Arnold & Steere; Fred G. Kraft, White & Major; E. L. Slocum, Louis Hinsberger Cut Glass Co.; A. J. Brech, Bawo & Dotter.

Kansas City was visited, last week, by a large number of eastern travelers. Among them were: A. H. Leach, Frank W. Smith; Louis Freund, Henry Freund & Bro.; E. A. Reed, Reed & Barton; William G. Andrews, C. Sydney Smith; J. L. Friedman, L. Adler & Son; W. W. Trigg, Allison & Lamson, Martin, Copeland & Co., and William C. Greene & Co.; W. S. Willis, Gorham Mfg. Co.; J. M. Morrow, American Watch Case Co.; C. A. Weideman, T. B. Clark & Co.; S. Arnstein, Arnstein Bros. & Co.; William Matschke, F. & F. Felger; William T. Smith, Wilcox Silver Plate Co.; Abel King, I. Emrich & Co.; William Matschke, A. Joralemon & Son; William Rosenberger, A. Wallach & Co.; John O. Slemmons, J. B. Bowden & Co.; Jules Franklin, L. Tannenbaum & Co.; De Lancey Stone, Shafer & Douglas.

#### Receiver Appointed in Bankruptcy Proceedings Against Chas. Altschul.

Judge Adams, of the United States District Court, New York, Saturday, appointed Benjamin Barker temporary receiver of the assets of Chas. Altschul, against whom a creditors' petition in bankruptcy was filed, Aug. 8. The bond of the receiver was placed at \$5,000.

Almost at the same hour of the filing of the application for receiver a number of Altschul's creditors were holding a meeting in the office of Jacob Strauss & Son, 14 Maiden Lane, New York, and had agreed to accept the compromise offered by Altschul of 50 cents on the dollar, 25 per cent. of which was to be payable on Jan. 1 and the balance in three payments ranging from three to nine months without interest, secured by the endorsement of the wife of the bankrupt.

At the meeting in Mr. Strauss's office a committee appointed at the last meeting of the creditors to investigate the bankrupt's condition made a report. This committee found Altschul's stock, figured at cost price, to be worth as follows: Diamond goods,

\$3,176; rings, \$7,526; goods on memorandum, \$3,557; open accounts, \$8,867; cash, \$17; notes, \$27. Of the goods on memorandum some had been out more than nine months and others were thought worthless. This was also true of some of the open accounts. The liabilities consisted of bills payable \$23,711, open accounts payable \$5,337, and other debts making a total of \$30,249.

The committee reported that there was no record of purchase and sale of diamonds on the books, which were in such a shape that they could not trace cash or merchandise.

While this report was being made Mr. Altschul and his attorney were excluded from the room. When his proposition had been voted upon and accepted he was admitted to the meeting. Then his attorney withdrew the proposition that had already been accepted and substituted another in its place. This was refused absolutely and Altschul finally consented to let the first proposition stand, pending a contingent proposition of 33 1/3 per cent. cash for immediate settlement. The creditors present voted to accept this 33 1/3 per cent. offered, provided Altschul could get some one to help him put up the cash.

As the matter now stands there are two factions, one working to have the matter settled through the bankruptcy courts and the other, by compromise. The latter course is thought to be favored by a large number of creditors and steps are now being taken to have the bankruptcy petition withdrawn.

#### Columbus.

##### TRADE CONDITIONS.

The retail trade, which has been better than usual this Summer, has shown a marked improvement during the past week, and the retailers are correspondingly happy. A heavy Fall and holiday trade is anticipated.

R. N. Whitford, of the Hofman Supply Co., returned yesterday from a three weeks' trip through the east, where he has been purchasing goods for the Fall and Winter trade.

The Board of Trade awarded the bid for the silver cup to be given as a prize on its field day to Bonnet & Ross Co. The cup is a magnificent specimen of silverware and is valued at \$250.

R. E. Cole, vice-president of the H. Cole Co., was married Aug. 14 to Miss Kittie May Otstot. Mr. and Mrs. Cole are spending their honeymoon at the lakes. They will be at home at 1301 Franklin Ave. after Sept. 15.

#### Trans-Atlantic Voyagers.

##### TO EUROPE.

M. O. Doering, with Charles Ahrenfeldt & Son, New York, sailed, Thursday, on the *Grosser Kurfurst*.

##### FROM EUROPE.

Marmaduke Richardson returned, recently, on the *Barbarossa*.

M. Ellbogen, of the Stein & Ellbogen Co., Chicago, arrived, Wednesday, on the *Teutonic*.

Frank Jeanne, with Wm. S. Hedges & Co., New York, returned, recently, on the *Minnetonka*.



# THE "IRIAN" PATTERN

A dainty new service of  
Flatware in sterling silver.

Made in Eng  
Catalog and Price Li  
will be sent to th



TEA SPOON.

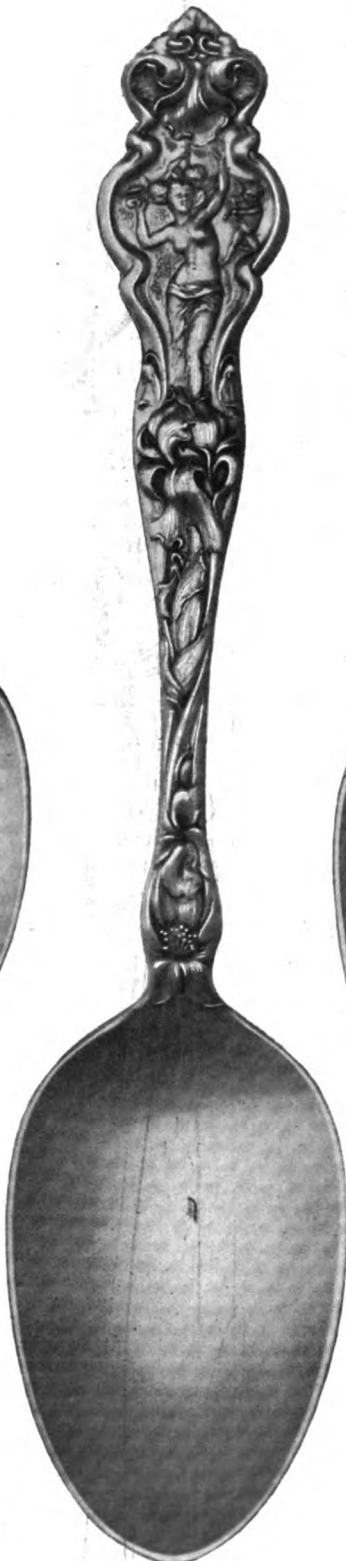


TABLE SPOON.



DESSERT SPOON.



SUGAR SHELL.



TEA SPOON.  
(REVERSE)



*R. Wallace &*

Silversmiths.

*New York.*

*Chica*



# THE "IRIAN" PATTERN

en Pieces.

ing prepared and  
completed.

Charming in design and of  
exquisite workmanship.



MEDIUM BUTTER  
KNIFE.



BUTTER KNIFE,  
LARGE.



INDIVIDUAL  
SALAD FORK.



DESSERT FORK.



MEDIUM FORK.



CHILD'S FORK.

*Wm. Mfg. Co.*

Factories: Wallingford, Conn.  
San Francisco.





# WALTHAM WATCHES.

16 Size, S. W., '99 Model, Pendant Setting.

HUNTING OR OPEN FACE.

---

**RIVERSIDE MAXIMUS, Nickel;**

21 Diamond and Ruby Jewels; Two Pairs Diamond Caps; Both Balance Pivots running on Diamonds; Raised Gold Settings; Jewel Pin Set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Accurately Adjusted to Temperature, Isochronism and Five Positions, and Carefully Timed; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Gold Train; Fine Glass Hand-Painted Dial of Most Modern and Artistic Design. The superior construction of this movement adapts it to the most exacting service.

**RIVERSIDE, Nickel;**

17 Fine Ruby Jewels; Raised Gold Settings; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Adjusted to Temperature and Three Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**ROYAL, Nickel;**

17 Jewels; Red Gold Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**No. 630, Nickel;**

17 Jewels; Red Gilded Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 620, Nickel;**

15 Jewels; Red Gilded Settings; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring; Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 610, Nickel;**

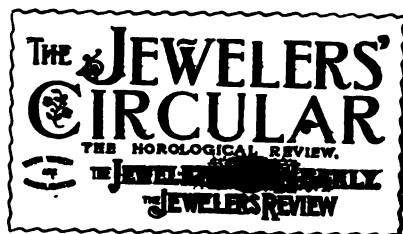
7 Jewels; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring, Hardened and Tempered in Form; Tempered Steel Safety Barrel; Exposed Winding Wheels.

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Manufactured and Warranted by

**AMERICAN WALTHAM WATCH CO.,  
WALTHAM, MASS.**





PUBLISHED EVERY WEDNESDAY BY  
THE JEWELERS' CIRCULAR PUBLISHING CO.,

11 JOHN ST., COR. BROADWAY, NEW YORK.  
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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

**Jewelers' Liens on Articles Repaired.** THE question of the jeweler's right to sell watches and other articles left for repairs when the owners thereof have practically abandoned the property, is one which involves so many legal points that no general rule of procedure by the jeweler may be laid down, nearly every case depending upon the laws of the State, affecting liens, and often upon the circumstances entering into the transaction between the jeweler and his customer. There seems to be a belief among many jewelers that by putting up a sign that they will not be responsible for goods after a certain number of days they are thereby relieved, of liability, but this impression is erroneous, as the jeweler's liability in nearly every State cannot be limited by him alone, and in some cases may not be limited even by agreement with the customer.

The many questions on this subject that have been received by THE CIRCULAR-WEEKLY show how interesting and important it is to the retail dealer generally. On another page of this issue will be found answers to two subscribers relating to the procedure which the jeweler must follow in the States of New York and Alabama in enforcing liens upon property in his care that has been abandoned by the owners. These answers are full and complete, and should be carefully perused by retail jewelers of these two States who are interested in the subject. As already stated, jewelers have, generally speaking, a lien on all property in their possession for the value of the work they have put on it, and to collect this amount they must in most States of the Union enforce their liens according as the statutes provide. This procedure differs for almost every State, and, in many cases, there are so many steps to be followed in detail as to make it a great hardship for the jeweler to properly collect what is due him, particularly when the amount in question is small. In some States the jeweler has to go to the extent of obtaining judgment for the amount due, and take as much trouble to collect it as he would to foreclose a mortgage upon real estate. In nearly all instances he is com-

pelled to advertise the property for sale after notifying the owner at the last known address. This condition often results in a great hardship to the small dealer, and often offers an opportunity for blackmail and extortion by unscrupulous persons.

The subject is well worthy of the attention of the entire trade, and it would seem that an effort should be made by those who have the interest of their craft at heart, to obtain in most States by legislative enactment a simple statute which would afford proper protection for both jeweler and customer, and at the same time afford the dealer the opportunity to collect the value of his labor within a reasonable period from the time that the articles come into his possession.

#### The Duty on Half Pearls.

A NEW question, which is annoying to the half pearl importers, has come up within the past week, and relates to their liability for the difference between duty at 20 and 60 per cent. on the invoices of half pearls which were assessed and passed by the Government at 20 per cent., but the entries of which were not finally liquidated by the Collector until after the recent decision of the Board of Appraisers in June, assessing these articles 60 per cent.

In a number of instances where the importers were notified that they must pay the additional 40 per cent, the half pearls in question had already been sold, and, if this claim is enforced by the Government and sustained by the courts, it will cause a great loss for which the merchants have no redress.

While the Treasury Department may have been in the right in assessing 60 per cent. on half pearls imported since the decision of the Board of United States General Appraisers on the subject, it would seem that their action in attempting to collect this duty also on invoices that have already been passed at 20 per cent. is not only unusual, as it makes the decision of the Board retroactive in effect, but also unjust. It even practically establishes a different rate of duty for the same goods brought in at the same time, where, in some cases, the invoices have been liquidated, and, in other cases, where they have not. Inasmuch as the delay in liquidation was due, not to the importer, but to the Collector, and to the Appraiser who was behind hand in passing on the invoices, there seems no just or proper reason why the unfortunate importer should be practically made to pay for the negligence of these officials.

This question is discussed thoroughly in another column of THE CIRCULAR-WEEKLY, and it is hoped that the information obtained by this journal from various sources is correct, and that the confidence expressed by attorneys and importers, that all the questions relating to the duty will be justly and amicably settled within a short time, will prove to be well founded.

#### Canadian Manufacturers' Association Take Action on Various Important Subjects.

HALIFAX, N. S., Aug. 15.—A very important resolution as affecting potential imports to Canada has been adopted by the Canadian

Manufacturers' Association at their annual meeting here, as follows:

"That whereas the Canadian Manufacturers' Association has approached the Dominion Government on various occasions with regard to a grant towards holding an All-Canadian Exhibition and being fully aware of the necessity and importance of such an exhibition at the present time;

"Be it resolved, that this association, assembled in annual meeting, do again urge the matter upon the Dominion Government and authorize the executive council of the association to ensure if possible the holding of such an exhibition at Toronto in 1903. And be it further resolved that in addition to a display of Canadian products, those of Newfoundland, the British West Indies and British Guiana be also exhibited."

Anent the tariff revision the association drew up the following:

"Resolved, that in the opinion of this association the changed conditions which now obtain in Canada demand the immediate and thorough revision of the tariff upon lines which will more effectually transfer to the workshops of the Dominion the manufacture of many of the goods which we now import from other countries;

"That, while such a tariff should primarily be framed for Canadian interests, it should nevertheless give a substantial preference to the Mother Country and also to any other part of the British Empire with which reciprocal preferential trade can be arranged, recognizing always that under any conditions the minimum tariff must afford adequate protection to all Canadian producers."

#### William Weisenberger, Charged with Smuggling, Now Out on Bail.

AUSTIN, Tex., Aug. 15.—William Weisenberger, who was arrested at El Paso a few months ago on the charge of smuggling a large quantity of diamonds and precious stones into this country from Mexico, is out on \$2,500 bond pending his trial at the October term of Federal Court at El Paso.

The Federal authorities of the western district of Texas, as well as those of New York City, are much interested in this case, and say they expect a conviction without difficulty, if Weisenberger shows up for trial.

When arrested Weisenberger had a grip full of stones and jewelry and a few hundred dollars in money. When held to await the action of the Federal Court under a bond of \$2,500, he secured cash bail, was given his liberty and is believed to have gone to Denver or San Francisco. The authorities say he is the same William Weisenberger who is under sentence of imprisonment in New York for receiving stolen goods. The Federal authorities claim to have established the identity conclusively. He was out of jail on an appeal bond, which he jumped.

Those who have been working on the Weisenberger case have discovered that after he left New York under his appeal bond he went to Mexico, where he loaded up with what is known as scientific rubies. He brought these and a large quantity of other stones to San Antonio, Tex., and he sought to dispose of them to jewelers, but his efforts were not successful.



**Last Week's New York Arrivals.**

**THE CIRCULAR-WEEKLY** has perfected arrangements for obtaining the names and hotel addresses of all the latest buyers visiting New York, and each day posts in its office, 11 John St., cor. Broadway, a bulletin which every member of the trade is cordially invited to copy

BALTIMORE, MD., L. Fischer, Broadway Central.  
W. Bernheimer (Bernheimer Bros.), Marlborough.  
W. W. Kirk, Imperial.  
R. J. Prissnan, Astor.  
BIRMINGHAM, ALA., J. Lowensohn, Herald Square.  
BOSTON, MASS., N. M. Fernald (Jordan, Marsh Co.), Holland.  
D. E. Mackenzie, Astor.  
S. Y. Pierce (R. H. White Co.), Imperial.  
CALVERT, TEX., H. L. Stricker (H. L. Stricker), Marlboro.  
CEDAR FALLS, IA., H. L. Chase (H. L. Chase & Co.), Astor.  
CHICAGO, ILL., L. Felsenthal, Herald Square.  
Harry Green (Siegel-Cooper Co.), St. Andrews.  
Hattie Green (Siegel-Cooper Co.), St. Andrews.  
A. Hirsch, Herald Square.  
J. Jiran (Sol. Klein), Herald Square.  
Ray Merebaum (Mandel Bros.), Holland.  
D. L. Lyon, Imperial.  
C. Moe, Ashland House.  
F. A. Lorentz, Albert.  
CINCINNATI, O., C. N. Fox, Herald Square.  
J. A. Smith, Astor.  
CLARKSVILLE, TEX., N. Miesch, Continental.  
COSHOCOTON, O., C. F. Gosser (Burns & Gosser), Bartholdi.  
COLUMBUS, O., C. O. Hines, Albert.  
DARLINGTON, S. C., S. Wolfran, Broadway Central.  
DENVER, COL., J. G. Gates (Denver D. G. Co.), Herald Square.

B. P. Petheick (A. T. Lewis & Son D. G. Co.), Navarre.  
H. P. Gottesleben, New Amsterdam.  
DES MOINES, IA., N. P. Holmes, Navarre.  
DETROIT, MICH., W. C. Noack, Manhattan.  
C. W. Warren, Everett.  
DUBLIN, GA., C. H. Kittrell, Broadway Central.  
DULUTH, MINN., G. T. Miller (Panton & White), Herald Square.  
GRAND RAPIDS, MICH., D. W. Davis, Herald Square.  
GREENSBORO, N. C., R. C. Bernan, Astor.  
GREENVILLE, O., F. S. Gordon (Gordon & Alter Co.), Victoria.  
GREENWOOD, S. C., A. L. Reinhard, Rossmore.  
HAMILTON, O., A. Seidensticker, Astor.  
HELENA, ARK., S. D. Frank (S. D. Frank & Co.), Rossmore.  
HORNELLVILLE, N. Y., M. W. Waldorf, Albert.  
HOUSTON, TEX., A. J. Taylor, Gerard.  
KANSAS CITY, MO., E. L. Chamberlain (Emery-Bird-Thayer Co.), Grand.  
MEMPHIS, TENN., L. Frisch (I. Goldsmith & Co.), Union Square.  
MILWAUKEE, WIS., D. Goldman, Herald Square.  
B. Zimmer (Gimbel Bros.), Cadillac.  
MINNEAPOLIS, MINN., A. M. Anderson, Broadway Central.  
C. E. Fisher (Wm. Donaldson & Co.), Herald Square.  
Wm. Donaldson (Wm. Donaldson & Co.), Herald Square.  
MOLINE, ILL., C. Josephson, Broadway Central.  
NEWFIELD, N. Y., J. N. Peck, Astor.  
NEW ORLEANS, LA., Miss J. Doyle (D. H. Holmes Co.), 192 W. Broadway.  
J. Hart, Vendome.  
PHILADELPHIA, PA., J. P. Crawford, Astor.  
T. B. Reynolds, Marlboro.  
D. Wolf, Bartholdi.

PITTSBURGH, PA., C. Gillespie, Broadway Central.  
E. Kaufman (Kaufman Bros.), 648 Broadway.  
T. Kaufman (Kaufman Bros.), 648 Broadway.  
J. C. Wasson (J. Horne & Co.), St. Denis.  
PROVIDENCE, R. I., O. Ainsworth (Murray, Blanchard, Young & Co.), Raleigh.  
QUEBEC, QUE., A. Seifert, Grand Union.  
RICHMOND, VA., J. H. Gilooly (Miller & Rhoads), Cadillac.  
ROCHESTER, N. Y., M. Rosenbloom, Hoffman.  
SALEM, MASS., L. L. Frank (W. G. Webber & Co.), Imperial.  
L. L. Phillips (W. G. Webber & Co.), Imperial.  
SHREVEPORT, LA., H. S. Hart (Hart & Parker), Criterion.  
ST. JOSEPH, MO., W. Kirkpatrick, Broadway Central.  
ST. LOUIS, MO., L. P. Aloe, Herald Square.  
L. H. Teltason (B. Diamant & Co.), St. Denis.  
ST. PAUL, MINN., J. A. Belmour (Manheimer Bros.), New Amsterdam.  
H. B. Drake (Schuneman & Evans), New Amsterdam.  
SYRACUSE, N. Y., L. Leiter, Hoffman.  
TIPTON, IND., W. V. Foster, St. Denis.  
TORONTO, ONT., J. A. Knox, St. Denis.  
TYLER, TEX., T. B. Raney, Marlboro.  
UTICA, N. Y., C. A. Evans, Belvedere.  
YORK, PA., R. R. McLean (Jas. McLean & Sons), Imperial.  
WARSAW, N. Y., E. Cushen, Westminster.  
WHEELING, W. VA., C. N. Hancher, Marlboro.  
WICHITA, KAN., T. P. Martin, Astor.

**Importations at the Port of New York.**

	Weeks Ended Aug. 16, 1901, and Aug. 15, 1902.	
	1901.	1902.
China, Glass and Earthen Ware:		
China .....	\$98,585	\$67,617
Earthen ware .....	16,610	13,392
Glass ware .....	26,106	21,773
Optical glass .....		2,556
Instruments:		
Musical .....	6,184	12,184
Optical .....	2,482	9,930
Philosophical .....	3,840	1,102
Jewelry, etc.:		
Jewelry .....	19,037	22,221
Precious stones .....	365,503	409,460
Watches .....	16,973	23,202
Metals, etc.:		
Bronzes .....	1,213	2,105
Cutlery .....	21,265	32,686
Dutch metal .....	479	180
Platina .....	19,399	51,509
Plated ware .....		
Silverware .....		
Miscellaneous:		
Alabaster ornaments .....	3,762	19
Amber .....		1,559
Beads .....	3,694	6,560
Clocks .....	3,931	8,224
Fans .....	5,767	5,290
Fancy goods .....	2,761	10,306
Ivory .....	53,789	3,572
Ivory, manufactures of...	717	1,303
Marble, manufactures of...	13,520	8,188
Statuary .....	2,852	1,557

**Jewelers' Gold Bars Withdrawn and Exchanged.**

Week Ended Aug. 16, 1902.

The U. S. Assay Office report:  
Gold bars exchanged for gold coin....\$246,991.97  
Gold bars paid depositors..... 50,189.87

Total .....\$297,181.84  
Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:  
Aug. 11.....\$20,834.57  
" 12..... 20,583.48  
" 13..... 58,224.32  
" 14..... 20,441.38  
" 15..... 101,500.39  
" 16..... 15,407.83  
Total .....\$246,991.97

**URGENT CALLS!**

We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.

**CROSS & BEGUELIN**  
17 MAIDEN LANE

**CROSS & BEGUELIN**

*Importers and Cutters of Diamonds and Precious Stones*

8 Rue de Maizy, PARIS

Telephone,  
2186 Corlandt

17 Maiden Lane, NEW YORK



**New York Notes.**

William B. Froude, Passaic, N. J., has moved his business from lower Main Ave. to the upper part of the business section of the town where he has a newly remodelled and decorated store.

Mrs. M. J. Adams, buyer of jewelry and art goods for the Daniels & Fisher Stores Co., arrived in New York from abroad last week, where she has been for the past six weeks, purchasing jewelry and art goods for her concern.

Edward Crandall's jewelry store in Dunellen, N. J., was broken into last week and a quantity of jewelry stolen. A huge pane of plate glass in the front of the store was smashed by the burglars in their attempt to effect an entrance.

Between noon, Aug. 11, and 3 P. M., Aug. 12, there were passed at the Appraiser's Stores 28 packages of unset diamonds, valued at \$800,000. This is an unusually large importation for so short a time, since it is about a third as large as the ordinary monthly importation.

The Erie Watch Co., with offices at 185 Montgomery St., Jersey City, was incorporated, Friday, under the laws of New Jersey, with a capital of \$125,000. The company will manufacture watches. The incorporators are: Roswell L. Peabody, Richard Woods, Oscar H. Simmons.

George H. Degé, who for the past six years has been the buyer and manager of the jewelry department of the Welch & Osborne Co., 45 Maiden Lane, has recently become connected with the New Haven Clock Co. Mr. Degé is well known in the clock and jewelry trade of the city, having been in Maiden Lane more than 15 years, nine years of which time he was with E. G. Webster & Son.

The National Electric Clock Co., of New York, was incorporated last week at Albany with a capital of \$250,000. The direc-

tors are: R. J. Stuart, New Hamburg; Joseph Butcher and W. L. Rose, New York.

A. V. Benoit, New York, incorporated his business last week at Albany, with a capital of \$150,000. The directors are Julia Benoit, Brooklyn; A. H. Benoit, and M. V. Benoit, New York.

Simon Sternman, a jeweler at 1900 Park Ave., was assaulted in his store one night last week by a strange man. The man was well dressed and while talking with Sternman suddenly hit him a couple of blows on the head with brass knuckles which were hidden by a handkerchief. It is thought the man expected to knock Sternman senseless, but the jeweler yelled and the man ran away without stealing anything.

The Welch & Osborne Co., 45 Maiden Lane, is going out of business. This step is necessitated on account of the settlement of the estate of the late J. H. Welch. All the stock of the company, consisting of jewelry, silverware and clocks, is being closed out. Chas. H. Osborne, of the company, as soon as the affairs of the old concern are settled, will enter the employ of the E. N. Welch Mfg. Co., Bristol, Conn., as their New York salesman.

Customs Inspector William Shafer seized from I. Babiere, of Sacramento, Cal., who arrived last week on *La Touraine*, jewelry valued at more than \$2,000. The goods were not declared and were found secreted in the linings of old clothes which filled three trunks. A quantity of the jewelry, also, was found in a belt worn by Babiere and consisted of diamond rings, cameo brooches, gold watches and pearl pendants. The jewelry will be held pending an investigation.

The police of Brooklyn are looking for David Martin, a young man who until a few days ago was employed as a salesman by William A. Shokkoff, a jeweler at 554 Graham Ave. One day last week the jeweler informed the police, he gave the salesman a

diamond ring worth \$60 and a diamond stud valued at \$90, to deliver to a butcher at 438 Central Ave. Martin did not appear at the store that evening and Shokkoff learned that the butcher had not received the jewelry sent him.

Former United States Deputy Collector Phelps was presented, Saturday, on his retirement from office after nearly 25 years continuous service, with a Howard gold watch and fob by the employes of the law department of the Custom House, in token of the high esteem in which they hold him and as a memento of their appreciation of his cordial manner and never failing good nature. The presentation speech was made by chief clerk of the law department F. S. McAvoy, who has been closely associated with Mr. Phelps for many years. The former deputy collector was also presented with a beautiful silver tea set by his friends among the customs brokers.

The necklace of pearls belonging to Mrs. L. Harrison Dulles, of Philadelphia, which was seized three weeks ago by the customs officials, has been appraised. According to the return made to the Collector Thursday, its foreign value was placed at \$16,258.60, on which the duty at 60 per cent. would be \$9,755.16, making the home value of the necklace \$26,013.76. At the time the pearls were seized Mrs. Dulles declared that she had purchased it for \$12,800, and this appraisal of the Government being way beyond what she considers the necklace is worth she will contest the appraisal through the court. Proceedings for a remission of the forfeiture are also under way, and will probably reach the United States courts within a few days.

The New York local of the International Jewelry Workers' Union will hold its regular annual picnic and Summer night festival, Saturday afternoon and evening, Aug. 23, at Zeltner's Morrisania Park,

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36 Murray Street, New York.**



**DEITSCH BROS.,**  
MAKERS OF FINE LEATHER GOODS,

ALSO

IVORY, EBONY AND SHELL,

14 East 17th Street,

NEW YORK.



Third Ave. and 170th St. Prizes will be given for bowling and other games. An interesting part of the program will be a tug-of-war contest from different locals, to the winners of which will be given a handsome prize. A large number of tickets have already been sold, and the picnic committee expect a large attendance.

S. Kroll, of 177 Pavonia Ave., Jersey City, barely escaped being swindled Friday by a slick stranger, who tried to secure \$50 worth of jewelry for a bogus check. The stranger made his appearance in Jersey City a short time ago, representing himself as the agent of the Ropey Steel Works, of Trenton. In some manner he secured the check book of James Murray, who runs a plumbing establishment on Grove St., which contained a number of blank checks signed by Mr. Murray. With these checks the stranger began to dupe Jersey City merchants. Before accepting a check which was tendered to him Kroll began to investigate. What he found out put the swindler to

flight, and he has not been seen since. The police are hunting for him.

B. Harris recently opened a jewelry store at 101 W. 39th St.

Mrs. T. Lynch, 1 Union Square, is traveling in Europe and is now in Switzerland.

Bernard Karsch, 641 Eighth Ave., is spending the Summer at his cottage at Arverne, L. I.

J. Feingold & Son, 63 Broadway, Brooklyn, recently opened a branch store at 528 Sixth Ave.

F. F. Heitz, 791 Sixth Ave., will spend his vacation this season at Centreville, Sullivan County, N. Y.

J. Ehrlich & Sons, of 223 Sixth Ave., have opened their fourth store in the Broad Exchange building, 25 Broad St.

Mrs. Agnes Hawkins, who is carrying on the business of her late husband, A. D. Hawkins, at 727 Eighth Ave., is now traveling through England and Scotland. She is expected home the second week in September.

Harry Woolf, who is said to be a jeweler

of Newark, N. J., is at the Reception Hospital, Coney Island, suffering from concussion of the brain and other injuries, caused Sunday by the explosion of the gasoline motor on his bicycle.

Archibald Vivian, the elevator man at 9-13 Maiden Lane, who was arrested in Baltimore, last week, charged with the larceny of 265 gold rings from New York jewelers, was brought back to New York, Thursday. He will be tried shortly.

Edwin D. Washburne, of the firm of E. D. Washburne & Co., 7 Maiden Lane, returned last week from his vacation, which he spent at Ogunquit, Me. C. W. Holton, of the same firm, will spend his vacation fishing in the vicinity of Jamaica, Vt.

P. Freel, a pawnbroker of Williamsburg, was robbed Saturday of \$1,000 in cash and two diamond earrings valued at \$300 by two strange men who had been hanging about his establishment and acting suspiciously for three days. When the robbery was committed Daniel Deegan, the clerk, was in the rear of the store. The police are investigating.

**SEVENTH** CAPITAL,  
\$1,700,000.

**NATIONAL  
BANK,**

**NEW YORK CITY.**

EDWIN GOULD, PRESIDENT.

EDWARD R. THOMAS, } VICE-PRESIDENTS.  
WM. H. TAYLOR, }

GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR.,  
VICE-PRESIDENT AND CASHIER.

SULLIVAN & CROMWELL, GEN. COUNSEL.

**ACCOUNTS INVITED.**

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

**DIRECTORS:**

Edwin Gould, Wm. H. Taylor,  
Edward R. Thomas, Crawford Fairbanks,  
W. Nelson Cromwell, R. W. Jones, Jr.,  
Chas. E. Levy, Hugh Kelly,  
Alex. McDonald, Wm. F. Carlton,  
Samuel Thomas, Erskine Hewitt.

**Trade Gossip.**

The Willis Collar Button Co. has issued a folder descriptive of its collar button necktie retainer, which has been recently patented and put on the market.

Charles M. Levy, 90 William St., New York, has issued an attractive catalogue descriptive of his line of rings and lockets. One specialty, the interchangeable combination initial, photo and emblem ring has been having a large sale and should continue to be popular with the trade.

The Illinois Watch Case Co. is now putting on the market a unique watch case in their ancient silver carved case. The effect of the oxidized silver, in carved designs, is very striking, some of the designs being carved in solid gold on the ancient silver case, which gives an odd and attractive appearance.

**The  
Mercantile National Bank**

OF THE CITY OF NEW YORK,  
BROADWAY AND DEY STREET,  
Solicits Accounts from the Jewelry Trade.

**THE CHATHAM NATIONAL BANK, NEW YORK.**

H. P. DOREMUS, Cashier.

GEO. M. HARD, President.

W. H. STRAWN, Asst Cashier.

376-378 GRAND ST.,

**The State Bank**

NEW YORK.

SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

O. L. RICHARD, President.

ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



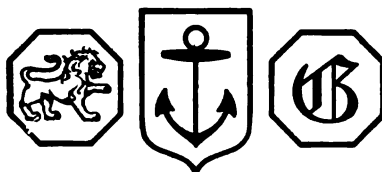
# REPUTATION VERSUS COST

A mistake too often made and one that is nearly always the result of a want of actual comparison is to assume that because a line of goods is looked upon as the best it must necessarily cost more.

The way to test the fallacy of this sort of judgment is easy.

TRADE-MARK

Grand Prix  
Paris, 1900



Five Gold Medals  
Buffalo, 1901

STERLING

There is one thought, however, that no business man will overlook; the fact that a reputation for having the best is a sure maker of the kind of business that lasts.

Gorham goods need no other endorsement than the Gorham Trade-Mark. As to cost we shall be very glad to give you full particulars. Never sold to Dry Goods and Department Stores.

## GORHAM MFG. CO. SILVERSMITHS

Broadway and Nineteenth Street, New York

BRANCHES

NEW YORK  
21-23 Maiden Lane

CHICAGO  
131-137 Wabash Avenue

SAN FRANCISCO  
118-120 Sutter Street

Works: Providence and New York



**Optical Notes and Briefs.***(Additional Optical Notes on page 72.)*

Victor H. Kopald, refracting optician, has opened an office at 51 E. 125th St., New York.

Phineas T. Ives, Meriden, Conn., has installed an optical department in his jewelry store.

The J. E. Mitchell Co., Fort Worth, Tex., has added an optical department to its establishment.

J. Alexander, of 54 E. 125th St., New York, after the convention on Aug. 19, will spend the remainder of his vacation at Southbridge, Mass.

Myer & Elting, opticians, 615 Sixth Ave., New York, are enlarging their store to increase their own business facilities and those of J. W. Kay, who occupies a part.

**British Optical Association's Plan to Exclude Competition by Refusing Certificates to Americans.**

Further particulars were received last week regarding the recent action of the British Optical Association in deciding henceforth not to grant its certificates to

Americans. It is absolutely necessary for all strangers to obtain certificates from this body in order to be allowed to do business, for the Association controls the optical trade in England and in the Colonies. The British Optical Association is very reluctant, however, about admitting the exclusion of American opticians, because the latter are regarded as such formidable competitors.

John H. Sutcliffe, secretary of the Association, is reported to have recently said:

"Our certificates have been exposed to a great deal of abuse by Americans and we mean in future to exercise more control over those who hold them by making membership more exclusive."

The secretary said that American opticians of small repute have been in the habit of coming to London and going into business after buying the certificates of Englishmen who have gone to the United States. In reply to a question Mr. Sutcliffe said:

"If an American decided to take up his residence in England or in any of the British colonies, and if he produced credentials of respectability the council could at their discretion admit him to examination and grant a certificate."

In the trade, however, it is understood that the "council's discretion" will lead that body to freeze out all Americans, no matter how many credentials they may produce. The feeling among thoughtful men in the optical business is, however, that this policy is a mistaken one. An optician of experience who carries on a large business declared the action of the association to be not only arbitrary but silly.

"Look at the monthly review of the body," he said, "and you will find American names associated with some of the most important discoveries in connection with optical science. You will find a paper by Mary J. Fargeman, of Fergus Falls, Minn., on 'Psychology of Optometry,' a work on the 'Theory of Optics,' by R. Man and R. A. Millikan, assistant professors of physics at the University of Chicago; 'The Optician's Manual,' by C. H. Brown, M.D., formerly physician in Philadelphia Hospital, etc. Then we have a patent invention—a spectacle bow—by George Gordon, of Chicago, and a stud attachment for rimless eyeglasses, by Charles L. Merry, of Kansas City. All our best discoveries within recent years have had their origin in America or Germany. I have no desire to depreciate my own countrymen, but I am certainly opposed to the action of the association in its desire to shut out talent."

**Annual Convention of American Association of Opticians Begins at Boston.**

Boston, Mass., Aug. 19.—Three sleepers full of enthusiastic opticians arrived in Boston about 7.30 this morning, bringing a crowd of about 200 to the annual convention of the American Association of Opticians, which began its three days' session to-day. A delegation of local opticians was at the North station when the train from the west arrived and a cordial greeting was extended to those who had come from so long a distance, many of whom were to obtain their first view of the Atlantic Ocean.

The entire company went at once to the American House, where the convention is to be held, and after breakfast the morning was devoted to an examination of the exhibition hall, with its rows of interesting exhibits. There were many ladies in the party and especial arrangements have been made for their comfort while in the "Hub of the Universe." Trolley rides to local and nearby places of interest have been arranged for and harbor trips will be waiting for those who wish to test their abilities as sailors.

Special preparations have been made for the annual banquet of the association and this will be held at Nantasket Beach on Thursday evening, the members leaving Boston at 4.20 P. M., and returning on a

boat leaving Nantasket at 9.30 P. M., thus allowing the members time for a night's rest before starting on the trip to Southbridge, Mass., as the guests of the American Optical Co. for an inspection of its plant.

On account of the many changes made in the programme it is impossible at this writing to furnish a detailed outline of the day's business, but THE CIRCULAR-WEEKLY of next week will contain a full account of the proceedings from the opening of the convention to the last hour of the gathering.

**Canada Notes.**

The White Topaz Diamond Co. is opening a store at 107 Yonge St.

A. B. Osgood, Rossland, B. C., has been succeeded by J. C. Diggins & Co.

The estate of Brown Bros., Nelson, B. C., has been sold to C. E. Hoffard at 36 cents on the dollar.

Ernest Saunders, of Saunders, Lorie & Co., who was recently married in England, has returned to Toronto with his bride.

Richard Galbraith, with Ryrie Bros., Toronto, who has been seriously ill for some time, has completely recovered, and returned to business.

W. L. Wilkinson, in charge of the silverware department of Ambrose Kent & Sons, Limited, is spending his vacation in Port Carling, Muskoka.

L. Herbert Luke, of Ambrose Kent & Sons, Limited, and Dr. H. J. Geiger, optician with the same house, left on the 19th for Guelph, to attend the High Court of the I. O. F. for Central Ontario.

W. K. George, of the Standard Silver Co., Toronto, has been elected vice-president for Ontario of the Canadian Manufacturers' Association, which held its annual convention at Halifax, last week.

McFarlane & Co., dealers in fancy goods and novelties, including cheap jewelry, are insolvent. A meeting of creditors was held on the 14th, but no action was taken, owing to the absence of W. H. McFarlane in New York. The creditors are nearly all Toronto firms. The liabilities are about \$9,600, and the assets reach about the same amount.

The annual meeting of the Grand Encampment of Ontario I. O. O. F., last week, brought a good many jewelers to Toronto. Among those calling on the trade were: I. Shoemaker, Paisley; T. C. Savage, Waterford; W. Coates, Brockville; John Welsh, Stratford; H. Ball, Thornton; Thomas Evans, Alliston; I. Wooster, Preston; W. H. Hopper, Cobourg; John Munro, Beeton; N. McLeod, Cannington; E. C. Daniels, Orangeville, and C. N. Andrew, of Andrews & Co., Limited, Winnipeg, Man.

The Tourist Association of Victoria, B. C., a voluntary organization of business men and citizens, formed to make known the attractions of Victoria and Vancouver as a tourist and health resort have issued an illustrated booklet descriptive of those places which is being distributed gratis to all enquirers. The local jewelry trade is taking great interest in the movement.

S. P. Wilson who, some time ago, went from Bethel, Conn., to Kent, has returned and commenced business again in Walker Ferry's building on Chestnut St., Bethel.



**THE MONK CUP.**

5 inches. \$6.00 dozen.  
ASSORTED DESIGNS.

It will be to the advantage of every dealer in art goods, to have our wares introduced and carried in his stock.

Parties visiting New York will study their interests by calling on us—those who are not coming should correspond with us, as our travelers may be able to visit them.

**HUNDREDS OF USEFUL AND ORNAMENTAL ARTICLES**

in hand decorations, prettier than the imported goods and lower in prices than similar class of work.

**L. W. LEVY & CO.,**

194 BROADWAY,  
NEW YORK.

Our lines of import samples in metal, glass and china now ready to be sold.



# Supereminence in Mainsprings.

The underlying principles and generally accepted theories of modern mainspring construction emanate primarily and to the greatest extent from the Maker of the **Longeval**.



Making of Mainsprings in its various phases has attained its greatest development at the hands of this maker.

Method of packing avoids all possibility of rust. Made by the best maker in the world, of highest grade steel, finished down by hand, high in carbon, best in temper, ensuring uniform pulling power.

Only one spring need be handled and exposed at a time, instead of a full dozen as with other makes.

With each order for one gross of mainsprings, a fine oak cabinet, made expressly for this brand of springs, will be included gratis.



The "LONGEVAL" are for sale at your jobbers. If not, write the Importers **HAMMEL, RIGLANDER & CO.**, 35 Maiden Lane, New York City, for the address of the nearest jobber who will serve you with the **BEST**—

## NOTICE.

The Importers of these mainsprings are the first to have employed the idea of putting each spring in a separate box, thus protecting them against rust and climatic changes, and to place a number of these small boxes in a box or case.

They have taken expert advice as to their sole and exclusive right to this manner of "dressing" mainsprings, and have been advised that they have a proprietary right thereto.

The trade is hereby notified that any infringement of this manner of "dressing" mainsprings for the market will be vigorously prosecuted.

## The "Longeval"

Mainsprings for all makes and grades of American Watches.



# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

## HEINTZ BROS.,

### RINGS

BUFFALO,  
N. Y.



### RINGS

BUFFALO,  
N. Y.

We make the largest line of Solid Gold Set Rings in America for the Retail Trade.

SILVER- INSERTED STEEL EDGE	SILVER Smith's Patent Inserted Steel Knives never get dull and never rust E. H. H. Smith. 9 Maiden Lane, N. Y.	IN NICKEL SILVER AND STERLING
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### News Gleanings.

H. R. Dixon has sold his business in Elmwood, Ill.

Erred W. Terhune, Groton, S. D., has moved to larger quarters.

Mr. Flemming's jewelry store, Lucas, Ia., was recently destroyed by fire.

O. M. Nelson, Madison, Wis., has gone to Canada for a brief vacation.

R. C. Augustin recently purchased the business of B. E. Cloyd, Decatur, Ill.

Aaron Liachowitz, Shamokin, Pa., recently sustained a loss of \$300 by fire.

Stephen G. Massy, Chester, Pa., is rejoicing over the advent of a little son.

A new front is being added to the store occupied by Henry Reis, Davenport, Ia.

Frank Tharnish, Audubon, Ia., has moved his stock into more commodious quarters.

Dan Copeland, jeweler, of Marshall, Tex., has been sued for a debt amounting to \$210.

S. Beck, president of the S. Beck Jewelry Co., San Antonio, Tex., has been sued for \$63.

C. H. Wood has sold his jewelry and drug business at Madison, S. D., to Stoddard & Halstead.

Berge T. Birk, of Sacred Heart, Minn., has installed a new and larger safe in his jewelry store.

A. E. Wuesteman, Champaign, Ill., is making further improvements in the interior of his store.

Michael Cramer has purchased the jewelry business established in Holton, Kan., by C. M. Gleason.

B. C. Delano and F. R. Smith have purchased the business of A. J. Meiklejohn at New London, Wis.

The death is reported of E. Baye, who has been engaged in the jewelry business in Eagle Pass, Tex.

J. P. Strickland has purchased the entire drug and jewelry business of B. Engeldinger, in Hedrick, Ia.

The Texas dailies are advertising the sale of a jewelry store in Dallas, whose stock is valued at \$7,800.

James I. Stephens, Pensacola, Fla., will shortly exchange business locations with Bass & Co., of that place.

P. B. Roberts & Co. have just established themselves in the jewelry and drug business in McCune, Kan.

Bemus Buckley, watchmaker of Painesville, O., has added a stock of jewelry to his watch repairing business.

J. E. Mart, a jeweler of Woodburn, Ia., has given a chattel mortgage for \$235, and paid off one amounting to \$375.

H. U. Seaman, of the H. U. Seaman Co., Washington, Pa., has just begun the erection of a new house on Elm St.

F. E. Viano, of the Columbia Jewelry Co., North Cambridge, Mass., is spending his vacation at Nahant, Mass.

R. T. Warner is conducting the business of J. C. Southwick, Watertown, S. D., during the latter's visit to San Francisco.

J. H. Smythe, Fort Smith, Ark., has moved into new quarters and is remodeling and redecorating the interior of the store.

Thomas H. Bowen & Co., Bridgeton, N. J., recently celebrated their 40th anniversary by holding a special silver spoon sale.

G. F. Williams & Co., La Crosse, Wis., have rented the building at 316 S. Front St.,



Mankato, Minn., where they will engage in business.

Mrs. Lucy Phreaner Polack, wife of A. V. Polack, of Hagerstown, Pa., died recently after an illness of six weeks, aged 23.

Herbert B. Bingham, Nashua, N. H., has secured the contract to clean and keep regulated the clocks in the public schools of that city.

H. F. Macomber, of Strauss & Macomber, New London, Conn., has been confined to his home for several days by illness. His wife is also ill.

Eugene Fairchild, Johnstown, N. Y., who for several weeks was incapacitated owing to illness, is now able to attend to his business duties.

John Buchanan, Petersburg, Pa., last week purchased the large printing and binding establishment of the Mitchell Mfg. Co., on Sycamore St.

During the recent fire which destroyed nearly the entire business section of Alvin, Tex., Allen & Upchurch were among those whose stores were entirely destroyed.

S. S. Hyde, formerly proprietor of the jewelry store now owned by E. E. Millett, Amherst, Mass., has moved with his family to Williamsburg owing to ill health.

A. J. Riles, Jacksonville, Fla., has gone to California as supreme representative of the Knights of Pythias of Fla. W. H. Rowton will conduct the business during his absence.

Official information has reached the land office in Santa Fe, N. M., that in the case of Mariano F. Sena *versus* the American Turquoise Co., the decision of the

local land office suspending action upon the application of said company for the patent of the Castillio lode has been sustained by the Secretary of the Interior.

The 10-year-old son of Jeweler Rouse, of H. E. Adams's establishment, Tampa, Fla., recently sustained severe injuries about the head by falling from a second-story porch.

J. J. Birkebak has bought the interest of George H. Birkebak in the jewelry firm of Birkebak & Co., at Worthington, Minn. George H. Birkebak will leave for Salt Lake, Utah, in a couple of weeks.

Isaac Traub, Niagara Falls, N. Y., who for many years was located in the Lewiston Land Improvement Co.'s block, has removed to the former quarters of the Frontier Bank, cor. Niagara and Main Sts.

Alden Webb, Beverly, Mass., a short time ago had for repairs a miniature watch perfectly complete in itself, and only  $\frac{3}{8}$  of an inch in diameter. It was a Swiss movement and kept excellent time.

T. R. Newell, Redondo, Cal., has just recovered a quantity of jewelry which was taken from his store by a thief last week. The jewelry was found by J. H. Cavanaugh tied in a small package and placed near a fence behind his house. It is believed that the thief had concealed it there in order to dispose of it later.

A fire recently broke out in the wholesale jewelry establishment of T. F. Cohen & Co., Milwaukee, Wis. The fire had charred the wall near a lead pipe, and strange to say had been extinguished by the melting of the pipe, which allowed the

water to pour on the flames. The origin of the fire is unknown and the police are investigating.

Burglars recently attempted to ransack the apartments of Frank J. Crowell, a jeweler of Port Jervis, N. Y. The only plunder they secured, however, was a brooch which had been left upon the sitting room table. No particular value was attached to the article except the fact that it was an heirloom and appreciated merely because of its associations.

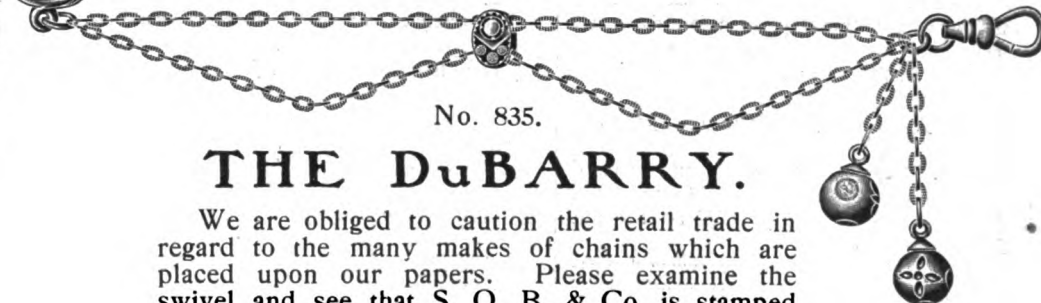
The spoon swindler, who has been operating in northern New York for some time, visited Bath, recently, and caught a number of unsuspecting citizens who had not heard of his tricks. As in other places, he first sold packages of cheap spoons at 25 cents a half dozen, and in a few minutes handed back the money to all who had purchased. He then raised the price to \$1, making people believe the money would also be given back, and when he had disposed of about 50 packages at this price he departed.

The customs authorities at Honolulu, H. I., have just unearthed a smuggling scheme in which an endeavor was made to import gold rings from Portugal in a box with a false bottom. The box arrived in the mail, and when first examined was found to contain a silk band embroidered with metal thread, worth possibly a dollar, and non-dutiable. The authorities were about to turn the goods over for delivery, when it was discovered that the box contained a false bottom, beneath which were concealed four gold rings.



THE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

**S. O. BIGNEY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.





VOL. XLV.

CHICAGO, WEDNESDAY, AUGUST 20, 1902.

No. 3.

### Chicago Notes.

Horace D. Sherrill, of Sinnock & Sherrill, visited Chicago last week.

Max Noel, of Despres, Bridges & Noel, returned for a few days last week.

Charlie Kiger, Kansas City, stopped over at Chicago en route, home from the East.

"Sol" Hess, with Sproehmle & Co., has returned from a vacation spent in the East.

Mr. Zimmermann, of Zimmermann Bros., La Salle, Ill., called on the trade last week.

"Will" Drexmitt, with the Keystone Watch Case Co., has returned from his vacation.

The family of A. C. Bard, of A. C. Bard & Co., are summering at the Thousand Islands.

L. M. Levy, manager of the Philadelphia Watch Case Co., spent the past week at the Chicago office.

Mr. Rushmer, of the Rushmer Jewelry Co., Pueblo, Colo., was a visitor to the trade last week.

Roy McKim, formerly with C. H. Reynolds, of Albion, Mich., has accepted a position in this city.

Fred McGredy, assistant manager for Lapp & Flershem, is spending his vacation at Corning, N. Y.

M. A. Mead, who, with his family, has been spending a month at eastern resorts, is expected to return this week.

Chas. Spencer, assistant manager of Otto Young & Co., will return next Monday from a visit to his old home in New York.

Frank Strayer, with F. C. Happel Co., who makes his headquarters at Cedar Rapids, Ia., was in this city for a few days last week.

W. J. Miller, western manager of the Seth Thomas Clock Co., accompanied by his family, is seeking recreation at Mackinac Island.

J. H. Leyson, Butte, Mont., passed through Chicago on his way to Connecticut, where he had been summoned on account of his mother's death.

Frank Weadley, of the silverware department of Lapp & Flershem, is spending his vacation winning laurels in the Aztec tennis tournament in this city.

Otto Burkland, of Osawatomie, Kan., came to Chicago last week to meet and return with his wife, who has been here taking a course in engraving.

Chas. J. Jacobs, western representative for the Homan Silver Plate Co., returned

Saturday from the East, where he had been summoned through the death of his father.

Out of respect of the memory of S. A. Galpin, the late president of the New Haven Clock Co., the Chicago office of the company was closed during the day of the funeral.

R. M. Johnson returned last week from a vacation spent at Mackinac Island. His son, Edward L. Johnson, accompanied by his wife, is taking a few weeks' rest at Wisconsin resorts.

C. F. Leigh, with Boyd Park, Denver, Colo., stopped over at Chicago for a few days of the past week on his return from his old home at Hartford, Conn., where he spent his vacation.

W. S. Adams, formerly leather goods buyer for Schlesinger & Mayer, is now western representative for the A. & E. Leather Goods Co., with an office in the Silversmith Building.

Edward L. Chamberlain, buyer for Emery Bird Thayer & Co., Kansas City, after spending a week visiting the Chicago trade, left here Saturday for New York, where he will look over the jewelry lines.

W. C. X. Hull, with the Towle Mfg. Co., returns this week from Lake Hamlin. F. M. Drummond, with the same company, returns this week from a visit to the factory, at Newburyport, Mass.

J. J. Kehoe, with Otto Young & Co., is spending his vacation at Mackinac Island. V. G. Cuthbert, C. A. Davisson, G. W. Cook and Thomas A. Stanek, all travelers for Otto Young & Co., recently left for their respective territories.

The members of the trade have received invitations to the marriage of William Murray Davidson, manager for J. W. Forsinger, and Miss Carolyn Blanche Thompson, which will take place at the church of St. Bartholomew, in this city, Wednesday evening, Aug. 27.

Among those buyers in Chicago last week not elsewhere mentioned were: C. A. Kiger, Kansas City, Mo.; Lincoln Sheridan, St. Charles, Minn.; A. Cleaver, Boone, Ia.; Ben Raue, Nunda, Ill.; J. B. Johnson, Woodland, Ind.; O. K. Dick, Rockwell, Ia.; J. W. Hudson, Fortville, Ind.; F. H. Gleason, Richmond, Ill.; Julius Tausig, Hammond, Ind.; E. A. Sigler, Crown Point, Ind.; J. L. Bonnar, Morris, Ill.

L. D. Clock, who for a number of years has conducted a successful retail business at Mercur, Utah, has become a member of

the firm of Drackett & Jehlinger. The new firm will be known as Drackett, Clock & Jehlinger. Mr. Clock will remain in charge of the office, while Mr. Drackett and Mr. Jehlinger will see the trade through the country. Mr. Clock will continue his retail business at Mercur.

Herman Hirsh, the 11-year-old son of A. Hirsh, of A. Hirsh & Co., recently gained a reputation as a hero at Beulah Lake, Wis., where Mr. Hirsh has his home for the Summer. It appears that a lady and a couple of gentlemen were in a sailboat, about two and a half miles from the shore, when the boat capsized. Quite a crowd of people were on the beach at the time, but young Hirsh was the only one in the crowd with presence of mind enough to jump in a boat and row out to the three people. Rowing with all his might, he succeeded in reaching the overturned boat just in time—for the two gentlemen, who could swim but little, had barely enough strength to assist the lady, who could not swim at all, into the rowboat. All of the party, young Hirsh included, were too exhausted to row ashore, but a launch finally came to their assistance.

### Salt Lake City.

Mr. Waldroff, a jeweler, of Albion, Idaho, will move his entire stock of jewelry from the Bargain Store building to a room on the ground floor of the Slout building, on Main St.

Col. Parks, N. G. U., manager of the Boyde Park Jewelry Co., Salt Lake City acted as chief marshal of the Elks' parade held in honor of the Grand Lodge of Elks convention in Salt Lake City on Aug. 12, 13 and 14.

A man giving the name A. C. Kelly was arrested at the Shortline Depot, Salt Lake City, recently, with a considerable amount of jewelry in his possession. Not giving a satisfactory account of how he obtained it, he was locked up pending investigation.

William Knox and James B. Williams, formerly of Smithfield, pleaded guilty before Judge Hart last week to the charge of burglary. They were recently apprehended at Randolph by Sheriff Rigby as the parties who ransacked the store of E. K. Miller, of Smithfield, and some of the plunder was found in their possession.





**BEFORE** shipping your old gold and silver to another refiner, think of the advantages of shipping it to Goldsmith Brothers' most modern, up-to-date refinery in the country.



**SURELY** you desire prompt returns and accurate valuations. We give you both. If our valuation is unsatisfactory your consignment is returned intact at our expense.

**GOLDSMITH BROTHERS,  
SMELTERS, REFINERS AND ASSAYERS,**

Office, 63 and 65 WASHINGTON STREET,  
Works, 58th and THROOP STREETS, CHICAGO, ILL.



JOBBIRO STONES. LAPIDARY WORK.

WE BUY AND SELL

**PEARLS****HERMANN & CO.,**MASONIC TEMPLE, CHICAGO,  
PRECIOUS AND IMITATION STONES.**FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.**

No. 809—131-137 Wabash Ave., Chicago.

Eastern Branch, 51 Maiden Lane, New York.

BEST PRICES PAID FOR PEARLS.

F. C. KLEIN.

EMIL KLEIN.

**F. C. KLEIN & BRO.,**

126 State St., CHICAGO.

**Steam  
Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters.SPECIAL ORDER AND JOB WORK  
A SPECIALTY.

80 E. Madison St., Chicago.

**AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

1618 MASONIC TEMPLE, CHICAGO.

Diamonds, Special Bargains on Approval. 1 Carat.  
\$50.00. Recutting. Fine Mountings. Try us.  
80 Madison St., Chicago.**An Economical Luxury.**CHEAPEST IN EXPENSE, MOST SATIS-  
FACTORY. SEARCH-LIGHT VAPOR LAMPS  
FOR ANY USE. ARE RIVALLED ONLY BY  
SUN LIGHT.

Search-Light Mfg. Co., 182 Division St., Chicago

**Minneapolis and St. Paul.**Fred Banfield is back in Minneapolis  
after a stay at Ironwood, Mich.Paul Martin, St. Paul, seeks the Repub-  
lican nomination for county commissioner.Max Jacob, of Chicago, has accepted a  
position with I. Baer, of Sibley St., St.  
Paul.Abe Cohen, a St. Paul retailer, has re-  
turned from a vacation of two weeks, spent  
at Lake Minnetonka.N. Friedman, of the De Mora Diamond  
Parlors, St. Paul, will shortly go to Win-  
nipeg, Man., for a week.W. A. Wanke, manufacturing jeweler,  
has left Shirley & Wooly, St. Paul, for a  
position with Ernest Schmalz, St. Paul.J. A. Stohlberg, manager of the jewelry  
department of the Golden Rule, St. Paul,  
is back from an eastern purchasing trip.Lewis Finkelstein, St. Paul, left, Aug. 16,  
for a three weeks' eastern trip to Chicago  
and New York. It will be for business  
and pleasure.The Commercial Club, of St. Paul offers  
a gold medal for the best exhibit of jew-  
elry at the coming Minnesota State fair  
made by a St. Paul manufacturer.W. E. Eggleston, manager of materials  
for the Reed-Bennett Co., Minneapolis, is  
back from a short visit to Chicago. J. P.  
Kirsting with the same firm is in from his  
northern trip.Will Peterson, clockmaker for White &  
MacNaught, Minneapolis, has gone to Chi-  
cago for a fortnight's vacation. Max Brun,  
jeweler with the same firm, is back from a  
similar vacation.Jeffery & Harris have engaged in the  
wholesale jewelry and notions business at  
305 Nicollet Ave., Minneapolis. Davis S.  
Jeffery was formerly with McClelland  
Bros. & Ravicz, of Minneapolis. Bernard  
S. Harris, until recently, has been in busi-  
ness at Dubuque, Ia.Among the visitors in St. Paul and Min-  
neapolis from the country during last week  
were: Ed. Carrow, Dayton, Minn.; P. C.  
Nelson, Jackson, Minn.; C. E. Day, Pres-  
ton, Minn.; Oscar E. Oslund, Milaca,  
Minn.; Thomas J. Thompson, Cameron,  
Wis.; Ernest T. Treiber, Scotland, S. D.  
J. U. Lemire, St. Paul, has returnedfrom a visit to the miraculous shrine of  
St. Anne de Beaupre in Canada, cured of  
tuberculosis. For ten years he has suffered  
from the disease, and physicians first and  
finally Christian Scientists have told him  
that recovery was impossible. He insists  
that he is wholly and completely cured,  
after visiting the shrine.**Kansas City.**

TRADE CONDITIONS.

The rush of salesmen to Kansas City in advance  
of the Fall trade has already begun. The weather  
has been very warm here the past week. On Aug.  
10, a severe wind storm visited the city. The dam-  
age was not great, however, aside from the numer-  
ous broken trees, glass, etc. Fortunately all the  
jewelry stores escaped injury. The retail trade  
has fallen off considerably, but is still favorable.  
The manufacturing business still continues very  
heavy, with excellent prospects for a record-break-  
ing Fall trade.J. R. Mercer has returned from a short  
business trip to St. Louis.Ward Lewis, of the C. B. Norton Jewelry  
Co., is away on a vacation.The Meyer Jewelry Co. reports a great  
many packages lost and damaged in the  
mails. The trouble does not seem to be  
confined to any one place, either.Geo. Cochran, formerly with Arnold  
Muhlheim, Ellis, Kan., last week, passed  
through the city on his way to Little Rock,  
Ark., where he will accept a position with  
Chas. G. Stiff.In the Meyer Jewelry Co.'s store, last  
week, a large jug of ammonia was accident-  
ally broken through the center and the con-  
tents began to leak out. Had it been picked  
up by the handle, the jug would instantly  
have come apart. A rope was procured, the  
jug tied up and carried out of doors without  
any serious damage.Only a small number of out-of-town mer-  
chants visited Kansas City last week.  
Among them were: Gus Willmann, Law-  
rence, Kan.; R. D. Hubbard, representing  
S. Joseph, Des Moines, Ia.; A. S. Miller  
and family, Steele City, Neb.; R. H. Young,  
Dodge City, Kan.; Geo. Young, Moberly,  
Mo.; R. D. Montgomery, Topeka, Kan.;  
Joseph W. Schmandt, Holden, Mo.; Blatt-  
ner & Glick, Junction City, Kan.; Geo. E.  
McCoy, Okarche, Okla.; Wm. Gardner,  
with Killiam Jewelry Co., Pittsburg, Kan.**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**Order direct from us and get "HIGH  
QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.Columbus Memorial  
Building.

103 State St., Chicago, Ill.

Room 260  
Columbus  
Memorial Building103 State Street  
Chicago, Ill.

EUROPEAN OFFICE

Dorus Van Praag  
9 Rue Milton

— PARIS, FRANCE



**St. Louis.****TRADE CONDITIONS.**

Business has been quite good during the past week with the retail jewelers, and there are few complaints coming from them. The wholesale trade has commenced in earnest, and the salesmen are doing a fine business and are sending in good orders to their firms.

The Whelan-Aehle-Hutchinson Co., doing business at 615 Locust St., has taken a store in the new building on the corner of Locust and Seventh Sts. The company will move into its new quarters, which is numbered 621, about the first of September. The concern is comparatively a new one, but has secured a large trade, and the move is to accommodate its increased business.

Frank Gilmore, of 1338 Aubert Ave., bookkeeper for William Weidlich & Bro., 614 Locust St., was arrested last week on a warrant charging him with the theft of two watches. The two watches were found in the possession of Mrs. Jessie Tweed, of 811 North Jefferson Ave. Mrs. Tweed was taken to the City Hospital, last week, from a drug store at Sixth and Locust Sts. She was hysterical, and told conflicting stories until finally she surprised the authorities by declaring that Gilmore, who had promised to marry her, was a married man, and had caused her to attempt her life. William Weidlich visited her at the hospital and learned from her that Gilmore had given her the watches. They were recovered and shown to Gilmore, who admitted having taken them, but said he intended to pay for them.

**Detroit.**

A. W. Nesbitt's store at Dimondale, Mich., was recently entered by burglars who made off with \$500 worth of stock.

Fires recently did \$5,000 damage to the business section of Wayne, Mich., D. Epps lost part of his stock, valued at \$400.

The prominent college fraternity, Phi Gamma Delta, closed its annual convention last week at Put-in-Bay. Roehm & Son were the official makers of their emblems.

Noack & Gorenflo have written to cus-

tomers in all parts of the State and northwest asking for information regarding crop prospects, and all the answers were optimistic, indicating the largest crop of all kinds of cereals, in the history of the grain belt.

**Denver.**

J. H. Griffith, of Manitou, was in Denver last week.

B. L. Seabold, of Richmond, Kan., is in Denver. He is looking for a location in Colorado.

C. B. Lewis, who was a lieutenant in the volunteer army during the war, is in Council Bluffs attending the reunion of the Army of the Philippines.

The Daniels & Fisher Stores Co. has secured the order for the \$1,000 hand chased silver belt to be given to the winner of the world's champion bronco riding contest, to be held in Denver Col., September 1, 1902. This belt is now being made in New York, and is said to be the finest thing of its kind ever given for such a contest.

**American and Swiss Watches.**

**Diamonds and Precious Stones.**

**Silver Novelties.**

**Sterling Silverware.**



207 Sutter St., San Francisco, Cal.

**California Jewelry Factory.**

**Quartz Jewelry.**

**Jewelry of Every Description.**

**Hand Painted China**

is the CALL of the HOUR. We make a full line of VASES, PLATES, PUNCH BOWLS, TANKARDS, CHOCOLATE SETS, and all the styles of fancy pieces from \$1.00 to \$100.

SILVERWARE is a thing of the past—no one asks for it. CUT GLASS is all of the same appearance, no matter who makes it.

HAND-PAINTED CHINA is a class by itself, and every piece has a color and style which distinguishes it from the ordinary line of goods that is shown. Every piece is a MASTERPIECE, executed by the very best talent, both foreign and American.

Drop us a letter and we will tell you all about it.

**D'Arcy Art Studio,**

Kalamazoo, Michigan.

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

**509-511-513 Race St.,**

**CINCINNATI, - - - OHIO.**



**Drackett, Clock & Jehlenger,**

SUCCESSORS TO

**DRACKETT, JEHLINGER**

JEWELERS • CHICAGO

20th  
Century  
Concern.

92-98 State St.

**NOW READY**

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett, Clock & Jehlenger,**  
JOBGING JEWELERS,  
Stewart Bldg., CHICAGO.

**Cash Paid  
for Stocks.**

Send for our new  
1902-3 illustrated  
catalogue of dis-  
continued move-  
ments and cases.  
It will interest  
you. ۞ ۞ ۞ ۞ ۞

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

**Indianapolis.**

M. F. Smith, of Smith & Gray, has returned from a two weeks' visit to Chicago.

Geo. S. Drake, Pendleton, Ind., left, Aug. 14, for a ten days' trip to Atlantic City, N. J.

John A. Dyer, engraver for Chas. Mayer & Co., has designed a very artistic and handsome cover for the firm's Fall advertising folder.

A. Fisher's jewelry store, at 785 Massachusetts Ave., was entered by a burglar early one morning last week, and about \$50 worth of stock was stolen.

August Anderson, North Salem, Ind.; J. A. Meissen, Cicero, Ind.; J. G. Laughlins, Seymour, Ind., and F. C. Sheldon, Shelbyville, Ind., were in the city last week.

Augustus P. Craft & Co. have just turned out an unusually handsome G. A. R. Post Department Commandery Badge. The badge is of 14 karat gold, set with seven diamonds. The design and enamel work, in three colors, is especially well done.

Henry Warmmann, porter for Hyam Cohen, pawnbroker, South Illinois St., was arrested recently on a charge of grand larceny. He was arrested in a pawnshop on E. Washington St., while trying to sell a \$75 diamond stud for \$16. It is alleged that Warmmann, in dusting off the show case in Mr. Cohen's store moved a tray of diamond studs, and while the clerks were not looking put one of the studs, to which a card was attached, in his pocket. The loss was soon discovered. The torn card was found behind the show case on the floor. Suspicion fell on the porter, who

had finished his work and left the store. Detectives were notified and his arrest soon followed.

**Cincinnati.****TRADE CONDITIONS.**

In the few weeks that the travelers have been out, the business has been greater than all the rest of the first part of the year. The prophecies now are for a heavy Fall trade. The factories are also very busy and shops around this city seem to feel the boom.

Frank Herschede has returned from Europe, after a three-months' delightful sojourn in art centers of the Continent.

Victor Gebhardt, of Gebhardt Bros., starts out next week with his elaborate stock of diamond goods. This firm has kept its workmen busy all Summer without reduction of hours, and has put on more men during the past month.

Clemens Oskamp and his wife, Clara Oskamp, have sued in the Common Pleas Court for a partition of the estate left by the former's mother, the late Mrs. Mary A. Oskamp. The suit is a friendly one to set aside a one-eighth interest in the estate.

The Fall Festival, which has become an annual feature of Cincinnati, is being pushed with unusual vigor this year to bring the people to town the first week in September. The posters now out, which are being distributed east, west and south, are the most gorgeous and attractive ever issued. The travelers of every Cincinnati house have agreed to decorate their trunks with Fall Festival posters of small designs, and hereafter the trunks of Cincinnati traveling men may be seen a mile off.

A decision of some importance to mercantile people was made at Columbus by

ESTABLISHED 1854.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.

PAT'D



Victory Button Back.

**GEBHARDT BROS.**

MAKERS OF

**DIAMOND MOUNTINGS,  
CLASS PINS and BADGES.**

Victory Attachments, Jobbing a Specialty.  
Samples and New Price-List on application.

OPEN

CLOSED



**LION BLDG.,  
CINCINNATI.**



Judge Badger recently, who held, in passing on the question of the detention of prisoners convicted under the habitual criminal laws, that the action of the Legislature in repealing the old law did not release those who had been previously convicted under it. This will benefit the jewelers, who had a man arrested for obtaining goods under false pretenses some time ago, and who is now in jail at Akron. His case will come up in the September term.

Among the Cincinnati travelers who took in the annual reunion of the B. P. O. E. grand lodge at Salt Lake City was Leonard Fox, of Gustave Fox & Co.

F. W. Horne, Yokohama, Japan, registered at the St. Nicholas Hotel, this week, and was a guest of the Business Men's Club. He is an importer of fine goods, bric-a-brac, hall clocks and similar articles.

An unknown man smashed a large plate glass show window in Geo. Newstedt's jewelry store, Saturday, and secured \$1,000 worth of jewelry. The robbery is regarded by the police as one of the most daring that has been perpetrated here.

### San Francisco.

#### TRADE CONDITIONS.

San Francisco is now in holiday dress in honor of the National Convention of the Knights of Pythias. About 60,000 visitors are supposed to be in the city at the present time. All the leading houses along Market, Kearny and Montgomery streets are adorned with draperies, flags, etc. The jewelers of the city are naturally doing a big business in the matter of souvenirs.

Donohue & Kerdell, formerly at 134 Sutter St., have moved to 3 Hardie Pl.

G. Marcus, of the California Jewelry Co., is expected home from Europe this week.

H. M. Abrams, representing M. L. Levy & Co., returned from his regular trip this week.

A. Bollack, with the Standard Optical Co., has just recovered from an attack of appendicitis.

A. J. Breiling, of Hammersmith & Field, has gone to Guerneville on a vacation, accompanied by his wife.

L. Koehler, formerly at Montgomery Ave. and Union St., reports improved business conditions at his new store at 434 Sutter St.

John A. Hammersmith, of Hammersmith & Field, has returned from an outing spent in Humboldt County, where he found the fishing very good.

R. F. Allen, of the Morgan-Allen Co., and representative of the Meriden-Britannia Co., has just returned from the east, accompanied by George D. Lunt.

The following buyers were in town last week: J. G. McAlpine, Jr., Gilroy; Mrs. A. P. Hall, of Austin P. Hall & Co., Visalia; Henry L. Amstutz, Napa, and H. H. Grennet, Bakersfield, Cal.

M. T. Johnson, of the firm of W. K. Vanderslice & Co., is spending a vacation at the Vanderslice ranch, on Walnut Creek, accompanied by M. S. Vanderslice. They are making improvements and planting trees on the ranch.

It is believed that the Benedict & Burnham Mfg. Co. will shortly erect a large casting factory at Waterbury.

## S. STERNAU & CO

204 CHURCH ST., NEW YORK.

### Some of Our Friends

have omitted to call at our  
**New York Show Room, 204 Church Street, cor. Thomas,**  
to inspect our new goods.  
While we have had the pleasure  
of seeing a great many, we want  
**ALL** to call; make a point of coming  
this week. If our **New Catalogue**  
has not reached you, please let us know  
so that we may send it.

### S. Sternau & Co.,

204 Church Street, cor. Thomas,  
New York.  
Factory, Brooklyn, N. Y.

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**THE JEWELRY REPAIRER'S HANDBOOK**

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Jewelers' Circular Publishing Co.,

11 John Street, New York



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## Special Notices.

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 Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.  
**SITUATIONS WANTED, i.e. a word each insertion; minimum charge, 25c.**  
 Heavy type, double regular rates.  
 Display cards on this page, \$2.00 per inch.  
 In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

**YOUNG MAN (21)** desires situation as salesman with manufacturer or jobber; have been in the jewelry line for five years. L., care Jewelers' Circular-Weekly.

**RELIABLE YOUNG MAN** desires position; has sold diamond mountings and has trade; willing to start moderately. "Hustler 78," care Jewelers' Circular-Weekly.

**FOREMAN** and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

**YOUNG MAN** with 15 years' experience, fine references and tools, desires situation as watch, clock and jewelry repairer; American French. A. J. Provencher, E. Pepperell, Mass.

**YOUNG LADY** as double-entry bookkeeper; seven years' experience with watch and diamond house; able to take charge of office. Address "Bookkeeper," care Jewelers' Circular-Weekly.

**WANTED, POSITION** as salesman on the road; silverware, jewelry or general line; 18 years' experience in retail business; good appearance; good salesman, don't drink. Address "J. H.," care Jewelers' Circular-Weekly.

**WANTED, permanent position** as a first class watchmaker with a good reliable house; 20 years' experience; competent on fine and complicated work; best of references. Address "Permanent 66," care Jewelers' Circular-Weekly.

**WATCHMAKER, jeweler, stone setter and good salesman** of seven years' experience, desires position in first class retail or wholesale house; prefer position as salesman; best of references. Address Room 30, Hotel Morton, Indianapolis, Ind.

**WANTED POSITION** as foreman or manager; silver novelty manufacturing concern preferred; by a man 30 years old, who has had four years experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

**WANTED, traveling position next January; 17 years' experience** in retail jewelry store as watchmaker and salesman; past six years with Perry & Stone, New London, Conn.; other references with Mr. Tunison, 64 Maiden Lane, New York; any territory; American, age 35. A. T. Hatch, care Perry & Stone, New London, Conn.

**WILL ENGAGE Oct. 1:** Fine watchmaker and all around man, especially expert in railroad, fine and complicated Swiss watches; a superior salesman in any department, correct in habits and strictly business; an opportunity not frequently offered to secure the man you want; a pleasant, permanent position and best salary only; references the very best; New York or Southern city. John H. Harris, 131 S. 10th St., Philadelphia, Pa.

## Help Wanted.

**WANTED, an experienced mounting salesman.** B. D., care Jewelers' Circular-Weekly.

**FIRST CLASS WATCHMAKER.** Address with references, F. E. Hull, Saranac Lake, N. Y.

**WANTED, an all around jewelry repair man; permanent position.** C. W. Little, 76 Cortlandt St., New York.

**WATCHMAKER, young man; also to make himself useful** as clerk. M. Hirschberg, 161 E. 14th St., New York.

**WANTED, A1 watchmaker** who can engrave; steady position; \$18 to \$20 per week. 17 North Broadway, Yonkers, N. Y.

**WANTED, A WATCHMAKER** at fair wages; a steady job. Apply to August Schuler, Keatchie, La., 25 miles from Shreveport.

**WANTED, at once, a first class jewelry jobber and stone setter; permanent position.** Address Mather Bros., New Castle, Pa.



**HELP WANTED—Continued**

**WANTED**, an A1 watchmaker for New Mexico; must have A1 references. Address "A. 19," care Jewelers' Circular-Weekly.

**WANTED**, a first class jeweler, who is also a good engraver, in a large city. Inquire of F. J. Boesse, 68 Nassau St., New York.

**WANTED**—An experienced watchmaker for a permanent position; must be a thorough mechanic. Address "Manufacturer," Box 845, Woodville, Ohio.

**WANTED, ENGRAVER** to take charge of engraving department in a first class city store. Address, with references, Box 88, Jewelers' Circular-Weekly.

**WANTED, WATCHMAKER**; must be fine workman, no other need apply; best references required. Address E. W. Button & Co., Bridgeport, Conn.

**EXPERIENCED OPTICAL CLERK**, living in New York City or suburbs, wanted by R. L. & M. Friedlander, 80 Maiden Lane, New York; inquire in rear.

**WANTED, YOUNG MAN** well acquainted with the precious and imitation stone line; A1 references required. Address "X. 79," care Jewelers' Circular-Weekly.

**WANTED**, a first class plate engraver. Address, with specimens of work, references, and salary wanted. S. Jacobs & Co., 520 Nicollet Ave., Minneapolis, Minn.

**WANTED**, a first class jeweler and engraver in town of about 50,000 inhabitants in western part of Pennsylvania. Address "X. Y. B.," care Jewelers' Circular-Weekly.

**CONNECTION WANTED** at once with manufacturing jeweler, by young man understanding German, to sell in city and vicinity. Address "Karat," care Jewelers' Circular-Weekly.

**WANTED**, thoroughly competent watchmaker and engraver; state qualifications, age, married or single, and wages asked; permanent position. E. R. Mason, 69 Court St., Binghamton, N. Y.

**WANTED, WATCHMAKER**, none but first class man need apply; good wages and steady job to the right man; send full particulars in first letter. Henry Kohn & Sons, Hartford, Conn.

**WANTED**, competent watchmaker; must be good engraver and jewelry repairer; send sample engraving; position permanent; salary \$25 per week. Address Box 97, Grand Forks, North Dakota.

**A YOUNG MAN**, with best reference and good appearance as jeweler, clock repairer and salesman; one who understands engraving and optics preferred. Address S. W. Moody, Battle Creek, Mich.

**WANTED, WATCHMAKER**, must be good workman and used to waiting on customers; state age, married or single, nationality, and wages required; don't apply unless permanent position desired. W. H. Evans, Red Oak, Iowa.

**WANTED**—A good hustling salesman, with A1 references, having a large acquaintance of the trade, to carry a fine line of umbrellas, especially for the jewelers' trade. Address The National Umbrella Co., Cleveland, Ohio.

**TRAVELING SALESMEN**, by manufacturer of first class plated silverware; those who have sold manufacturer's or jobber's line in smaller cities preferred; state experience and references. "Hollow Ware," care Jewelers' Circular-Weekly.

**TWO WATCHMAKERS WANTED**—Must understand engraving and be good salesmen in the store; middle age; wages to begin, \$12 weekly; permanent; answer, stating experience, age, if married. R. F. Pickert, 9 East Falls St., Niagara Falls, N. Y.

**WANTED**, first class letter and monogram engraver; must be capable of repairing fine clocks; steady position to right man; state salary wanted and send sample of engraving in first letter. Address "Jeweler," General Delivery, Bridgeport, Conn.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19" care Jewelers' Circular-Weekly.

**WANTED**—By a prominent jobber in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1908. Box 91, care Jewelers' Circular-Weekly.

**TRAVELER WANTED** for western States, who has an acquaintance with the jewelry and stationery trades preferred; one who can sell a line of gold pens, pencils, fountain pens, etc., successfully; we can give a good position to the right party. Address Edward Todd & Co., 208 Fifth Ave., New York City.

**WANTED, SALESMAN** to sell as side line patent razors to jewelry and department store trade; both sterling and rubber handles; good quality; low prices and new ideas; few samples; liberal commission; give territory, present line of goods and references. James H. Flagg Cutlery Co., 29 Murray St., New York.

**A NEW YORK wholesale house**, desiring to issue a small illustrated catalogue of watches and jewelry, requires the temporary services of some one (male or female) who has had experience in this work; none others need apply; applicant must live in New York or suburbs; state experience. "Catalogue," care Jewelers' Circular-Weekly.

**WHOLESALE JEWELRY AND WATCH BUSINESS**, three travelers wanted by a New York firm; one for New York, Pennsylvania, New Jersey and Connecticut; one for the Middle West, also New England States; one for New York City and suburbs; applicants must command a large and lucrative trade in above places, in a general line of goods kept by jobbers, such as gold card jewelry, gold rings, diamond mounted jewelry, watches and loose diamonds; none others need apply; state territory, experience, etc.; position can be filled now or Jan. 1, 1908; all correspondence confidential. Address "Chance," care Jewelers' Circular-Weekly.

**Business Opportunities.**

**DO YOU WISH TO RETIRE?** Will buy your surplus or entire stock of diamonds, watches, and jewelry quickly for spot cash; correspondence strictly confidential. Address Chas. Jacobs & Co., 22-24 Lispenard St., New York City.

**\$150.00 buys fixtures** of established stand, two doors from post office in New Jersey town of 4,500. Address B. J., care Jewelers' Circular-Weekly.

**FOR SALE**, jewelry and optical business in one of the finest towns in Massachusetts; fine line of work; going to manufacture. M. Z., care Jewelers' Circular-Weekly.

**RETIRING FROM BUSINESS**, want to sell jewelry, watch and optical business in a fine location; large safes; price, about \$1,800. A. X. Z., care Jewelers' Circular-Weekly.

**WILL SELL** modern jewelry store; new stock, no chestnuts, nice line of cut glass, in best town in Michigan; copper country; if you can invest \$4,000, write G. M., Calumet, Mich.

**HERE IS A CHANCE** to change climate; I will exchange my \$5,000 business on Delaware for yours if equally as good, in any place in United States. P. W. J., Jewelers' Circular-Weekly.

**WILL EXCHANGE** my established jewelry business in New Jersey, including \$4,000 of stock, fixtures and household goods, for unencumbered farm; must have good buildings. W. F. J., care Jewelers' Circular-Weekly.

**OLD ESTABLISHED** jewelry store on one of the busiest streets of Brooklyn; good repair trade; will sell with whole or part of stock; good opportunity for anybody. For particulars address "Jewelry 28," care Jewelers' Circular-Weekly.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**\$800 CASH**; jewelry store, 20 years' established, big transfer place, Brooklyn, N. Y.; work from all railroad men; rent, \$15 for store; three large rooms, all improvements; for sale on account of sickness. Address "P. 320," care Jewelers' Circular-Weekly.

**FOR SALE**, oldest established jewelry business in city of 15,000 in western Pennsylvania; only two others; rent for room, 16x86, \$15; price, \$1,500; plenty of repairs; reasons for retiring, cannot stand confinement; must be sold soon. J. H. B., care Jewelers' Circular-Weekly.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us. C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

**A DESIRABLE SHOP** on John St., New York City, for sale, with essentials for an ambitious, practical jeweler to continue a manufacturing business, or to form partnership in a reputable old establishment with a successful specialty now on the market; correspondence invited. "Artisan," care Jewelers' Circular-Weekly.

**EXCEPTIONAL OPPORTUNITY**—Wish to sell watch, jewelry and optical business in wealthy neighborhood, New York City; best location in city; good returns for repair work; reason for sale, owner must leave New York; two safes, quick selling stock, fine fixtures, etc.; price, about \$2,600. For particulars address Z. X., care Jewelers' Circular-Weekly.

**ESTABLISHED BUSINESS**; leading store and dwelling combined; rent, \$20 monthly; best location in town of 5,000; one other jeweler; fixtures and household goods to amount of \$850 must be taken; more if desired; not necessary to carry large stock to have more work than one man can do; fine, healthy location in New Jersey on Delaware. J. N. B., care Jewelers' Circular-Weekly.

**For Sale.**

**JAY CROSS RETINO-SKIAMETER** for sale; \$25; good as new. Robert Turner, 355 High St., Burlington, N. J.

**FOR SALE**, jewelers' roller, Swiss engine, hand turning lathe, numbering machine, center lathe, 500 sets of watch case dies; will exchange for diamonds or jewelry, or will sell cheap for cash. R. Siegner, 529 Broadway, N. Y. City.

**FOR SALE—SIGNS**. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**Miscellaneous.**

**BUYING FOR CASH** entire stocks of jewelry or surplus; highest references; established 1890. S. Less, 35 Prospect St., Brooklyn, N. Y.

**A HUSTLER** in stone business wants side line of ring mountings; east and far west trade; best references. Address "Hustler 17," care Jewelers' Circular-Weekly.

**YOUNG MAN**, now handling a line of hollow plated ware for city department stores, would take a manufacturer's line of flat ware or jewelry on commission. V., care Jewelers' Circular-Weekly.

**Very Desirable Small Office TO LET**

In the Stevens Building, 3 Maiden Lane, N. Y. Apply to Superintendent.

**A WATCH JOBBER,**

established in the center of the Swiss watch manufacturing localities, knowing well where to buy advantageously goods of American style, supplies, etc., desires to be entrusted with orders of wholesalers to buy on commission. Address "Q. 2118 C.," Haenstein & Vogler, Chaux-de-Fonds, Switzerland.

**OUR SCHOOL**

**For WATCHMAKER, JEWELER and ENGRAVER** is second to none. :: :: Refers to two thousand pupils. G. D. PARSONS & SON, Baltimore, Md. Baltimore and Charles Sts.



**Pacific Coast Notes.**

John Pipenberg, formerly with R. W. Edwards, Oakland, Cal., is now with J. Sorensen, of that city.

W. E. Bemis, of Tulare, Cal., has sold out to J. P. Alverson, for many years of A. P. Hall & Co., Tulare, Cal.

Charles Law, of the firm of Solomon & Law, Bakersfield, Cal., was in Tehachapi, Cal., last week, on business.

P. Lyon, Portland, Ore., has accepted a position in the watch repairing department of the Frank Golden Jewelry Co., at Reno, Nev. He expects to bring his family there shortly.

C. P. Dunn has sold his drug store at South Clifton, Ariz., to R. J. Young. Mr. Dunn will retire from the drug business and will hereafter devote his sole attention to the jewelry business.

J. B. Williams, a jeweler and watchmaker at Downieville, Cal., left a few days ago on a business trip. He will visit La Porte, Gibsonville, Johnsville and Sierra Valley. He expects to be gone about two months.

Lewis C. Swain, at Suisun City, Cal., was in San Francisco, last week, purchasing stock for the Fall trade. While there he

also made another important purchase, in the shape of a fine locomobile. It will be used by Mr. Swain in his monthly visits to Rio, Dixon and Vacaville.

Willis A. Ray, who recently returned with his family to Lakeport, Cal., from the Hawaiian Islands, has purchased Percy McClure's jewelry store at Lakeport. His brother, M. A. Ray, will have charge of the repairing and manufacturing department.

S. A. White has closed a lease with a Los Angeles jewelry house, for the room now occupied by the Baker Jewelry Store, but now under the management of Charles Adams, at Riverside, Cal. It is reported that the store will be remodeled, refurnished and stocked with a fine line of jewelry. It is generally understood that Mr. Adams and Mr. Baker will both remain with their respective departments. The lease has been signed for a term of years and the store will be in readiness for the Fall trade.

W. M. Gray, St. George, Utah, has discovered a method of treatment which produces a polish far excelling that ordinarily used for polishing the native malachite, a carbonate of copper. He makes this stone up in all kinds of ornaments. The stone is taken from the apex mine, but it occurs in

very small quantities, and is therefore said to be very valuable. In the preparation for use, the stone is first sawed and cut to the size desired. It is then ground into shape and made smooth, after which it receives the polish. Mr. Gray claims to be the first to dress and polish this stone for the market.

**Pacific Northwest.**

F. Nunamaker, Uniontown, Wash., was a visitor at Colton last week.

Elmer D. Elwood and B. N. Butler, of Medford, Ore., visited Coletst in last week.

A. E. Morris, watchmaker and jeweler, with A. & C. Feldenheimer, Portland, Ore., has gone on a two weeks' vacation.

E. M. Hoyt, Hillsboro, Ore., has gone to San Francisco on a vacation trip. While away he will look up a stock of holiday goods for his store.

I. B. Born, expert watchmaker and jeweler, will make regular visits to Connell, Wash., to do necessary clock, watch and jewelry repairing.

W. A. Sanders has disposed of his jewelry business in Corvallis, Ore., to E. W. Pratt, recently of Mound City, Mo. Mr. Pratt is a skilled jeweler and optician.

L. B. Thompson, Portland, Ore., has invented a portable bicycle stand. The device consists of a forked steel rod enclosed in a nickel plated barrel, which is clamped to the frame just behind the front wheel.

C. H. Bridgen, of Boston, Mass., has arrived at Boise City, Idaho, and has taken a position there with J. T. Laughlin. The latter will soon move to new quarters in the Gem block, at Boise City, Idaho. He will have one of the finest stores in the northwest.

A. & C. Feldenheimer, Portland, Ore., have on display in their large corner window a fine silver loving cup to be presented by the Oregon Daily Journal to the most popular Elk. They also show in another window a jeweled charm for the most popular Elk, to be presented by the Evening Telegram.

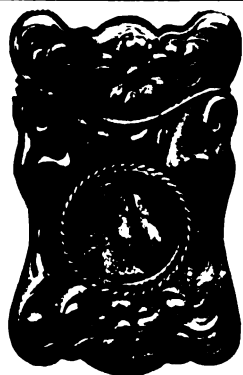
The buildings are being rapidly constructed for the Elks Carnival which opens in Portland, Ore., next month. The dealers are greatly interested in this event, as it means considerable business for them from the thousands of visitors from outside towns. Portland jewelers report a good tourist trade in souvenir goods.

**New Orleans, La.**

The olographic will of the late Isidore Scooler was admitted to probate in the Civil District Court, last week. The will was made June 25, 1901, and I. Loewengadt and G. A. Scooler, a brother of the deceased, are named as executors.

The police in this city have in their possession a diamond stud, which was found by a young boy and turned over to them. Two men have already claimed to be the owners of the stud, but neither has proven his title, to the satisfaction of the department. It has not yet been determined whether the stud was lost by a private individual or taken from a jewelry store.

Garrett Owens, Weatherford, Tex., has closed out his business.



## NEW PHOTO SOUVENIR Match Safe.

A NOVELTY.  
A GREAT SELLER.

Pat. April 15, 1902.  
Cut  $\frac{3}{4}$  actual size.

A BUTTON miniature photo of any grade can be placed in and removed as desired by the purchaser. Made in sterling silver and sold as cheaply as any other sterling match safe.

The design and workmanship are up-to-date and present a very rich and elegant appearance. Prices and samples furnished on application.

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# American Clocks

IN IRON, BRONZE, GILT,  
WOOD, ETC.

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# Mechanical Die Cutting Machine

**FOR MANUFACTURING JEWELERS,  
SILVERSMITHS AND DIE CUTTERS.**

It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.



ON EXHIBITION AT

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THE CROWN PATENT SAFETY GUARD.



For Bearer Pins, Studs and Lace Pins. The most practical and only adjustable one invented. Price \$1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c.; in 10k. gold, 75c.; 14k., 90c. M. CROWN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

**PEARLS BOUGHT FOR CASH.**

If a customer should bring you any Diamond or Pearl Jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
NO. 3 MAIDEN LANE, NEW YORK,  
where you can have an immediate Cash Offer.  
Established 1880.

**JACOT MUSIC BOX CO.,**  
IMPORTERS.

**Stella and Ideal Music Boxes,**  
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**MANY JEWELERS**  
are now handling a line of  
**SEWING MACHINE NEEDLES,**  
and those who buy them from  
**THE SHRIMPSON MFG. CO., 273 Church St.,**  
**NEW YORK**  
ARE ALWAYS SATISFIED.

**WOOD & HUGHES,**  
Sterling Silverware Manufacturers,  
FINE PLATED WARE.  
No. 24 John Street, New York

## FOR SALE—CHEAP.

### HAMPDEN MOVEMENTS.

Special Railway, 23 Jewels, - \$24.50	Special Railway, 21 Jewels, - \$17.50
New Railway, 23 Jewels, - \$19.60	John Hancock, 21 Jewels, - \$16.10
New Railway, 17 Jewels, - \$14.00	Special Railway, 17 Jewels, - \$14.50
also North American Railway, 21 Jewels - \$16.10	

Our terms are cash with order. Goods shipped C. O. D. with  
privilege of examination. Charges must be paid both ways.

**BOSTON WATCH CO.,**  
279 Washington Street, Boston, Mass.

*EVERY REPAIRER should have on his bench*

**"The Jewelry Repairer's Handbook,"**

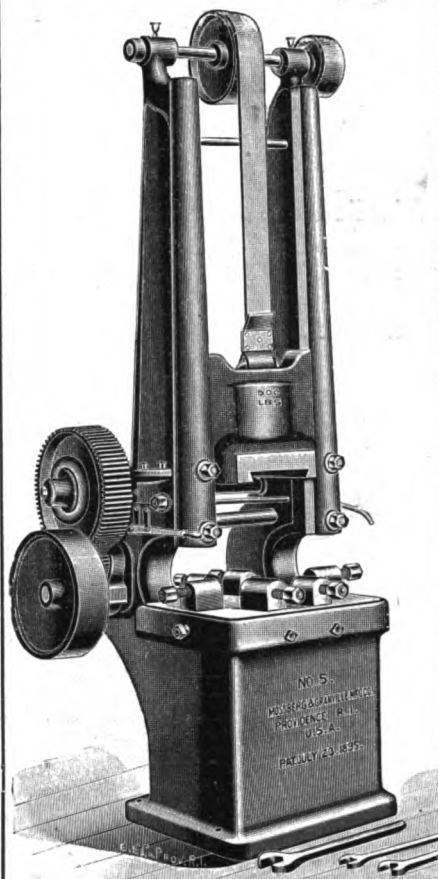
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Drops.**



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Catalog Free.

**CRUCIBLES**



**Jewelers' Supplies,  
Etc.**  
Established 1860.  
**J. & H. BERGE,**  
95 John Street,  
NEW YORK.

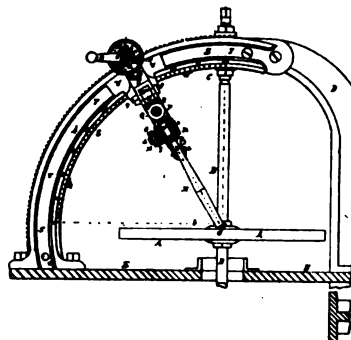
**GEO. P. GAYDOUL,**  
Gold Pen Manufacturer,  
17 JOHN STREET, NEW YORK.

Gold Pens Repaired, Repointed and  
Returned the Day Received

**THE WASHBURN**

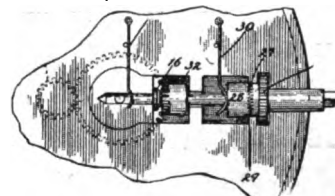
MAGIC NUT FOR EARSTUDS, SCARF PINS, Etc.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

**The Latest Patents.**  
ISSUE OF AUG. 12, 1902.  
**700,597. GEM-CUTTING MACHINE.** GUSTAV  
PURPER, JAKOB MOSER and REINHOLD BOEK-  
LEN, New York, N. Y. Filed Oct. 31, 1901.  
Serial No. 80,696. (No model.)



In a gem cutting or polishing machine the combination with a lapidary-wheel having a horizontal grinding or polishing surface, in one or more vertical parallel planes with the axis of the spindle of the wheel, a stationary graduated quadrant arc-rail secured above said surface to the machine and having a slide guided and adjustable to all degrees of the said quadrant and connected to a radial jointed working arm and by it to a radial arm of a gem-stick socket and a holder to which is attached a radial gem-stick, placing the gem concentric with said arc-rail and its periphery in contact with said grinding-surface, and its axis longitudinal and central with the axis of said gem-stick which is revoluble in said socket to all degrees of a circle in a vertical plane across the gem's axis, and is adjustable for closely placing and grinding tangential facets upon the surface of the gem.

**700,656. STEM-WINDING WATCH.** CHARLES  
T. HIGGINBOTHAM, Springfield, Ill., assignor



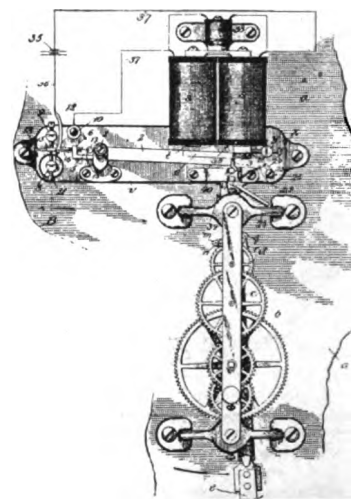
to Illinois Watch Co., Springfield, Ill. Filed  
Oct. 3, 1901. Serial No. 77,406. (No  
model.)

In a pendant-setting watch, the combination with a longitudinally-movable and rotatable arbor, of a rotatable member slidingly mounted thereon and held in constant yielding engagement with the winding-train, a rotatable setting member carried on said arbor and constantly engaged with the setting-train, and means for alternately connecting said arbor with and disconnecting the same from said rotatable and sliding member and said rotatable setting member, by the direct longitudinal movement of said arbor.

**700,775. FORMING STATUARY OR OTHER ORNAMENTAL STRUCTURES.** FELIX  
PRANO, Oakland, Cal. Filed March 7, 1902.  
Serial No. 97,050. (No model.)

A process of forming statuary or other ornamental structures consisting in shaping a natural cellular body and then applying thereto an exterior plastic coating which enters the cells of the cores and forms a bond or union for locking the coating to said core.

**700,817. ELECTRIC CLOCK.** HARLEIGH GIL-  
LETTE, Highland Park, Ill. Filed June 24,  
1899. Serial No. 721,689. (No model.)



In a clock, the combination with the time-measuring vibrator, of a gravity impelling device therefore comprising a pivotal swinging armature-lever, an armature upon and weighing said lever, an electromagnet, a movable circuit making and breaking contact actuated by fall of the armature-lever to close the circuit and by rise of the armature-lever to break the circuit, and a prop for the armature-lever displaced by movement of the said vibrator.

**700,809. EYEGLASSES.** JOHN CARTER, Malden,  
Mass., assignor of one-half to Alfred G.  
Carter, Malden, Mass. Filed Jan. 10, 1902.  
Serial No. 89,142. (No model.)

The combination with the eyeglass-stud having flanges adapted to receive between them the ends

**"THE BRACELET HOUSE."**  
**GOLD BRACELETS.**

**KENT & WOODLAND,**  
Successors to Wm. H. Ball & Co.  
16 John Street, New York.

**EVERYTHING IN  
GOLD  
Bracelets**

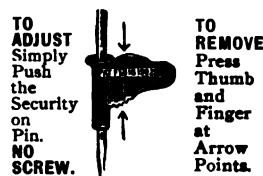
**SECURITY FOR SCARF PINS, ETC.**

HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN. 14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

**C. IRVING WASHBURN, SOLE MANUFACTURER**  
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of the spring and guard-shank, one of said flanges being shorter than the other, of a screw-lock comprising a plate having a diagonal slot to receive the screw, the said plate being provided with a groove in its inner face adjacent to one edge to receive the shorter flange of the stud, the plate



having at said edge inwardly-bent flanges or teeth adapted to engage the outer side of the shorter flange of the stud, the opposite edge of the said plate extending at the inner side of the longer flange of the stud, as set forth.

**707,046. EYEGLASSES OR SPECTACLES.**  
CHARLES O. BAILEY, Ogdensburg, N. Y. Filed April 14, 1902. Serial No. 102,699. (No model.)



The combination with the lenses, of a bridge having a forwardly-extending arched portion lying in a substantial horizontal plane, and merging at its rear into downwardly-extending arms located to the rear of the lenses, said arms being looped and slightly offset at an intermediate point and bent upwardly to form arms for securement to the lenses, said last-named arms adapted to move about said looped and offset portion as a point of fulcrum.

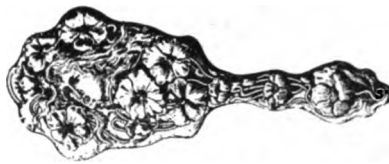
**DESIGN 35,991. PENDENT PIN.** GEORGE C. VAN RODEN, Philadelphia, Pa., assignor to J. E.



Caldwell & Co., Philadelphia, Pa. Filed Dec. 14, 1901. Serial No. 85,992. Term of patent 14 years.

**DESIGN 35,993. BACK FOR MIRRORS, BRUSHES, OR SIMILAR ARTICLES.**  
WALTER TURTON, Arlington, N. J., assignor to Evans H. Eastwood, Charles W. Park and Edward Sickles, trading as Eastwood & Park,

Newark, N. J. Filed June 24, 1902. Serial No. 113,041. Term of patent 7 years.



**DESIGN 35,994. HANDLE FOR SPOONS OR SIMILAR ARTICLES.** EUSTACE CREES and CHARLES S. COURT, Providence, R. I., as-



signors to the Watson & Newell Co. Filed June 20, 1902. Serial No. 112,553. Term of patent 7 years.

**DESIGN 35,995. HANDLE FOR SPOONS OR SIMILAR ARTICLES.** EUSTACE CREES and



CHARLES S. COURT, Providence, R. I., assignors to the Watson & Newell Co. Filed June 20, 1902. Serial No. 112,554. Term of patent 7 years.

**DESIGN 35,996. HANDLE FOR SPOONS OR**



**SIMILAR ARTICLES.** EUSTACE CREES and

22 DEPARTMENTS UNDER ONE ROOF.  
EVERYTHING APPERTAINING TO  
**Jewelry and Kindred Lines**  
Send for Our Annual Catalog.  
**The New York Jeweler.**  
**S. F. MYERS CO., N. Y.**  
48-50 MAIDEN LANE.

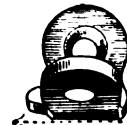
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**PRINCESS  
CANDLE  
LAMP** LATEST  
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BEST.  
Has many advantages  
over other styles now  
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Sample by Mail, 35c.  
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Prices to  
**A. H. FUNKE,**  
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Patent Allowed.



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**SPECIAL**—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

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The Largest Makers of Metal Ornaments, Jewel Settings and Jewelry Components in the World.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.



QUALITY IN EVERY WAY THE BEST

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**SILVER PLATED WARE.**

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**HERMAN KOHLBUSCH Sr.**  
Manufacturer of  
*Fine Balances and Weights*  
for every purpose where  
accuracy is required.  
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**Charles M. Prior,**  
**DESIGNER.**

*Original Designs for Sterling Silver.  
Fine Etching.*

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**Wells' Perfect Self-Conforming Ring Adjuster.** It can be fitted by a jeweler in 5 minutes. Ask your jobber for it, or I will send prepaid at once (only on receipt of price) 1 doz. asst. sizes, solid 10 K. gold, \$3.75, or 1/2 doz. asst., \$2.00; 1 doz. metal asst., 86c. For samples a medium large size gold and large size metal for 60c. Address **CHESTER H. WELLS, Jeweler, Meadboro, Pa.**

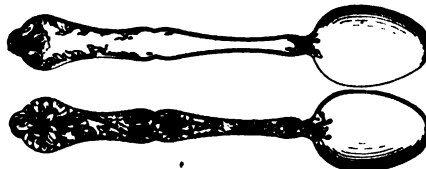
Pat. U.S. & Can. **WELLS, Jeweler, Meadboro, Pa.**

**"Practical Course in Adjusting."**

Just Issued. Price \$2.50.  
All Jobbers or Jewelers' Circular Publishing Co.

CHARLES S. COURT, Providence, R. I., assignors to the Watson & Newell Co. Filed June 20, 1902. Serial No. 112,555. Term of patent 7 years.

DESIGN 35,997. HANDLE FOR SPOONS OR SIMILAR ARTICLES. WILLIAM F. MARSHALL, North Attleboro, Mass., assignor to



Henry H. Curtis, North Attleboro, Mass. Filed June 23, 1902. Serial No. 112,939. Term of patent 7 years.

DESIGN 35,998. METAL ORNAMENT FOR SILVER OR PLATED WARE. SETH WILLIAM



BABBITT, Meriden, Conn. Filed June 30, 1902. Serial No. 113,873. Term of patent 3 1/2 years.

DESIGN 35,999. SKIRT HOLDER PLATE. LEON



WERTHEIMER, New York, N. Y. Filed March 28, 1902. Serial No. 100,483. Term of patent 3 1/2 years.

### EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIRCULAR—WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C., who will furnish complete copies of patents at the rate of 10 cents each.]

Issued Aug. 11, 1885.

323,927. MANUFACTURE OF JEWELERS'

FINDINGS. G. H. FULLER, Pawtucket, R. I. 323,938. POCKET-KNIFE. C. H. KAHLER, Wilmington, Ill.

323,985. STEM WINDING AND SETTING WATCH. N. R. VARNEY, Waltham, Mass.

324,001. COMBINED NAIL AND EAR CLEANER. W. A. BERNARD, Danville, Va.

324,016. CHAIN. W. C. EDGE, Newark, N. J.

324,039. NAPKIN-SUPPORTER. W. C. NELSON, Santa Rosa, Cal.

324,071. CARVING-FORK. A. F. BANNISTER, Newark, N. J.

324,125. BRACELET. THOMAS LEBKUCHER, Newark, N. J.

324,184. CUFF-BUTTON AND HOLDER. J. A. STUART and J. F. WOODMANSEE, Flatonia, Texas.

324,227. MIRROR. E. N. CARPENTIER, Paris, France.

324,241. MARKING SPOONS, ETC. F. W. DEXTER, Pawtucket, R. I.

324,270. SPECTACLE-FRAME-SOLDERING CLAMP. J. H. SCRIBNER, Atlantic, Iowa, assignor of one-half to O. E. Weber, same place.

324,281. CHAIN-LINK AND CIGAR-CUTTER. C. F. VEIT, London, England.

324,302 and 324,303. BUTTONS. L. P. CONARD, London, England, assignor of one-half to C. F. Veit and George Dickman, same place.

Design issued Aug. 7, 1888, for 14 years.

18,510. BEVELED GLASS. O. C. HAWKES, Birmingham, England.

Designs issued Aug. 13, 1895, for 7 years.

24,535. HANDLE FOR SPOONS. H. E. WASHBURN, Plymouth, Mass.

24,536. HANDLE FOR SPOONS. C. C. WIENITGE, Providence, R. I., assignor to Howard Sterling Co., same place.

24,537. BRUSH-BACK. C. C. WIENITGE, Providence, R. I., assignor to Howard Sterling Co., same place.

24,544. DISH. A. A. LANTERNIER, Limoges, France.

Design issued Feb. 7, 1890, for 3 1/2 years.

30,161. BOX-LID. R. M. HOLLINGSHEAD, Camden, N. J.

### Clocks for the Recumbent.

FRANK D. Kernochan, a jeweler, of Middletown, N. Y., has two novelties in the way of alarm clocks which might be appropriately called lazy men's clocks, says the *Middletown Time*.

On one of them, when the alarm sounds, a small electric light illuminates the face of the clock so that the owner can see exactly what time it is without getting up to strike a match. Attached to the other clock is a long wire with a bulb on the end. By running the wire over to the bed and pressing a button in the bulb the electric lamp lights up the face of the clock.

**Leather Watch Fobs.**

We make a nice assortment of these goods.

**C. F. RUMPP & SONS,** ESTABLISHED 1860.

Manufacturers of  
**FINE LEATHER GOODS,  
PHILADELPHIA.**

New York Salesrooms, 683 & 685 Broadway (cor. Third St.)  
Send for new illustrated catalogue.



**BUYERS' INFORMATION BUREAU.**

Questions as to the makers of certain lines of goods, where to buy certain lines, where certain kinds of work are done, the owners of certain trade-marks and other matters relating to the buying branch of a jewelry business will be cheerfully answered under this department. The reader cannot ask too many questions. *All queries are also answered promptly by mail.*

KOKOMO, Ind., Aug. 11, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Can you give us the address of some one that deals in bronze busts of President McKinley?

Yours respectfully, H. B.

ANSWER:—Bronze busts of President McKinley, small size, can be had from Bawo & Dotter, 26 Barclay St., New York. We do not know of any other concern who has them. Geo. Borgfeldt & Co., 48 W. 4th St., New York, have such busts in terra cotta with a bronze finish.

ADRIAN, Mo., Aug. 7, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Will you please tell me where to address the makers of a vest chain stamped on swivel: P. J. C. & Co.? Thanking you in advance, I remain,

C. W. M.

ANSWER:—These are the initials of P. J. Cummings & Co., Attleboro, Mass.

HARTFORD, Conn., Aug. 9, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Can you inform us where we can obtain coronation cups, and oblige, Yours truly, H. S. & Co.

ANSWER:—Coronation cups are sold by Stransky & Co., 15 Murray St., New York.

WAYNESBORO, Pa., Aug. 6, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Can you tell me who are the makers of tea-spoons marked N. F., nickel silver? Respectfully,

H. F. E.

ANSWER:—The Oneida Community, Ltd., Niagara Falls, N. Y., New York office, 413 Broadway.

DUBUQUE, Ia., Aug. 5, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Will you please inform me where I can obtain pearl in sheet form such as is used to inlay on guitar and mandolin instruments? Hoping to receive an early reply, I remain, Yours respectfully,

E. G. C.

ANSWER:—Henry Wallbout, 440 Canal St., New York, and the Samson Pearl Works, 224 Centre St., New York, can supply you with these pearl sheets.

New York, Aug. 11, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Will you kindly let us know by return mail if you know who makes the spoon known as the Knickerbocker spoon, with Father Knickerbocker on the handle? It is a New York souvenir spoon.

Yours very sincerely,

U. C.

ANSWER:—The "Knickerbocker" souvenir spoon was sold and controlled by J. H. Johnson & Son, who are now at 18 John St., New York.

GUILFORD, Me., Aug. 4, 1902.

*Editor of THE JEWELERS' CIRCULAR-WEEKLY:*

Will you please give me your opinion of my plan to furnish woolen and saw mills with pay envelopes with my name on them as an advertisement? Also, what kind of envelopes would be best for this purpose and where are they obtained? Yours very truly,

C. S. B.

ANSWER:—We think your idea of furnishing pay envelopes to the mills a very good one. Carter, Rice & Co., printers and stationers, Boston, Mass., furnish a good many envelopes for such purposes.

**TO KNOW THEM**

IS

**TO WANT THEM.**

Want to make a good reputation for yourself? See our line of carved rings. Your customers appreciate good goods, then appreciate your customers' custom by selling them that sort. Our line of carved rings is all of that carefully made kind which cause a customer to say instantly upon seeing them, "Here is just what I've been looking for." It is really surprising the amount of ring goodness we put into our One Dollar a dwt. 10-k. Line. Our gents' set rings are just as good, but cheaper—80c. a dwt. in 10-k. We make all styles. No matter what you want for a man you need look no further. If you think you need anything, write for a memo package. It's yours for the asking. Remember: Every ring is as good as the sample.

**M. MANNIST & CO.,**

Ring Builders for Men,

57 Maiden Lane, NEW YORK.

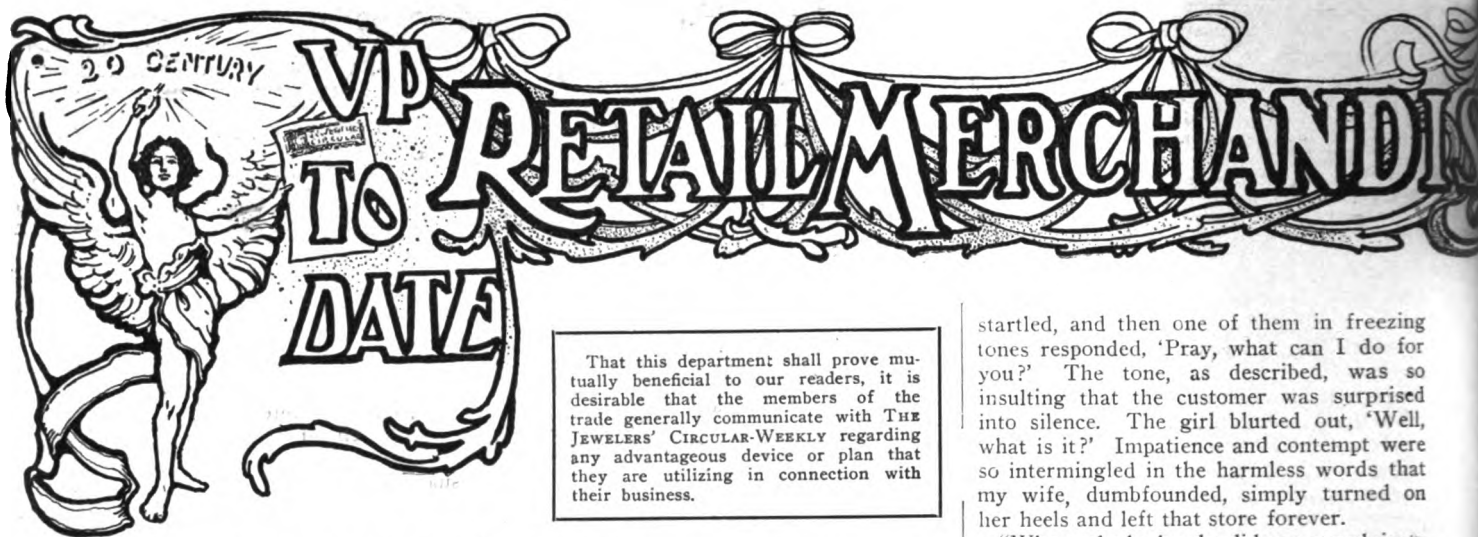
WRITE FOR ILLUSTRATED CATALOGUE SHEET OF

**"RICESZINN"**

A PURE NON-TARNISHABLE METAL (OF SECRET COMPOSITION),

A LARGE VARIETY OF ARTISTIC STYLES FOR PRACTICAL USE  
AND DINING ROOM DECORATIONS.ORIGINATED AND MADE SOLELY BY**Bernard Rice's Sons,****MAKERS OF FINE ELECTRO-PLATED HOLLOW-WARE,****542 Broadway,****NEW YORK.**FACTORY, { 4-6 Marion St.  
187-189 Elm St. }





### Good Salesmen and Proper Management.

"I AM sure that I am not considered a very severe employer," said Mr. Blank to THE ONLOOKER, on a recent visit paid on him by the latter, by way of introducing a subject which lay very near to his heart.

"I do not, of course, know you in that relation," responded THE ONLOOKER promptly, "but I am sufficiently observant to have noted that your clerks are keen, or—what amounts to practically the same thing as far as intending customers and casual shoppers are concerned—seem to be so, for your interests."

"Yes, I know they are so, and I believe they are all animated by a real desire for my advantage. I should hate to feel that such a manifestation on their part was the result of the feeling that is inspired by the discipline usual in state prison or on the typical negro plantation. You know the sort of thing to which I refer. To a man of your experience and observation—"

"Yes, I come across a great many phases of store conduct—so much so that if one were inclined one might easily classify the result. As a matter of fact, however, this would be more dependent on the characters of the clerks than on that of their employers. Unfortunately for such classification these vary so greatly individually that there would be about as many classes as there are clerks. But, joking aside, the clerks, and in fact the whole force of employees to be found in the jewelry trade, is superior to that to be found in any and every other line. He is more intelligent, more painstaking, more conscientious, and distinctly of a very much higher type. The reasons for this are not far to seek. This being so, one would naturally expect that their conduct be that of dignified and self-respecting men. The personnel of the employees in department stores and similar establishments requires much the same kind of superintendence as that to be found in schools of the lower grades. Such a spirit is entirely subversive of sensible relations between employer and employee. But I do not remember that I have ever seen such a spirit prevail in our trade."

"Yet it does exist in some few cases of which I know. But they prove to be the exceptions that attest the rule. I am glad to think that in the vast majority of jewelry

stores the clerks are men, and are regarded as such. If there is anything subversive of dignity it is to come into a shop and to find that the employees are given to skylarking, or to find them gathered in groups, evidently indulging in small talk or gossip—or, worse still, if they be of both sexes, flirting. Yet I have gone into stores and found the clerks engrossed in such practices to such an extent that I have felt in approaching the counter that I was making an unwarrantable intrusion. Clerks where the discipline is so lax that such things obtain actually get to feel that way themselves, for they show it as plainly as though they said in words, 'My dear sir—or madame, as the case may be—you must yourself be aware that you approach us in a very inopportune way and at a very inopportune moment. If you will considerably wait until we are through discussing our momentous affairs, and will then come forward in a properly apologetic and chastened mood, and prefer your request in the humble spirit which is proper from a mere customer, one or other of us will doubtless be sufficiently affable to see that your want is duly supplied. But hereafter pray bear in mind that we salesladies and salesgentlemen have prior claims, and that waiting upon customers is the most menial and sordid of our duties.' And that spirit has often prevailed throughout a transaction in a store with which my wife has dealt until recently. To show that I am not exaggerating I will add why she gave up that store, and it will prove to you the length to which ill-bred saleswomen will venture, when under ill management, for of course it is patent that where the employees are so lax in their duties, and so unmindful of their employer's interest, those in charge are more to blame than they.

"My wife went to a certain Sixth Ave. store, and finding two salesladies engaged in conversation with each other, preferred her request. In most stores, one or other, if not both, would solicitously have listened to her, and courteously have produced the goods instantly. Not so these. They continued in animated discourse, utterly ignoring her. The position was embarrassing, to say the least. However she determined not to be offended if she could help it, and, waiting a moment, she again preferred her request. Both girls turned round as though

startled, and then one of them in freezing tones responded, 'Pray, what can I do for you?' The tone, as described, was so insulting that the customer was surprised into silence. The girl blurted out, 'Well, what is it?' Impatience and contempt were so intermingled in the harmless words that my wife, dumbfounded, simply turned on her heels and left that store forever.

"When asked why she did not complain to the manager, she answered, and properly too, that she did not care to make a complaint against a poor girl; the salesgirl must by inference have been that, no matter how ill behaved. Besides she could not have trusted herself at the moment, her indignation was so great; and when the occasion was past, what was the use? Furthermore the root of the trouble, she truly added, lay so deep that no complaint could have changed an administration that was so palpably bad. The store in question has had occasion to change its manager since the occurrence, a change which was brought about among other things by many complaints of poor treatment on the part of customers.

"But, MR. ONLOOKER, when I started the conversation, I had little intention of going so far afield. I simply wished to call attention to the fact that I have tried, and I think succeeded, in making my employees act in such wise that all customers are favorably impressed. I know that my clerks regard me favorably both as a man and as an employer. Yet I know that I can trust them never to act in my store otherwise than they would do if the store were their own. You can come in at any time of the day, no matter how early or how late, and you will always find them apparently busy.

"By that I do not mean that they are rigidly at post. When they pass each other they can always find time, provided they are not waiting on customers, for a pleasant word or two. But when a customer steps in, he will find them all in the proper attitude of storekeepers and clerks. They will be cleaning or arranging stock, two tasks at which they can always be seemingly properly engaged. They have all learned from the first how properly to modulate their voices. There is a great deal in that. When a customer comes in, one clerk, and only one, approaches courteously and in a pleasing way tenders his services. If there are more customers than clerks, we so arrange it that the last customer cannot reasonably take offense, even if he does have to wait a little while.

"Some time I'll give you a long talk on this subject. It is worth while. And I maintain that no store can be justly popular which has not made a study of such questions, and which does not solve them in the way which judgment dictates as wisest."

THE ONLOOKER.



# NG and HINTS to JEWELERS

## Fire Dangers From Electric Lights.

THERE is a common belief that electric incandescent lamps give out very little heat, and that therefore fire danger from them is practically non-existent. Hence it is that such lamps are frequently found disposed with much unconscious carelessness in the neighborhood of combustible materials—in shop windows, for example, for decorative effect—and the wonder is that fire losses from such use of the lamps are not more widespread. A writer in *Cassier's Magazine* cites several instances to show the danger resulting from electric lights. He says:

Many experiments have been made and recorded to show how real these lamp fire risks are. In one case, where a lighted lamp rested against a vertically placed white pine board a spot about an inch in diameter and of a light brown color appeared after about four hours. In the case of a similarly disposed strip of well seasoned varnished oak the varnish became blistered in three minutes and blackened in about 15. The wood had the appearance of being charred at and near the point of contact with the lamp, but was not ignited. With a lamp encased in two thicknesses of muslin the latter became scorched in one minute, in three minutes gave off smoke and at the end of six minutes, when the muslin cover was removed from the lamp and fresh air reached its interior, it burst into flames. Where a lamp was laid on inflammable material the effect seemed to be more rapid, due probably to the pressure exerted by the weight of the lamp. A newspaper was in this way carbonized in three minutes and ignited in 45. The lamps used were of 16 candle power. In one instance it was found that on immersing a 16-candle power lamp in half a pint of water, the latter boiled within an hour. Again, with a lamp buried in cotton wool the wool soon began to scorch and ultimately burst into flame. A lamp in contact with celluloid fired it in less than five minutes.

All these trials indicate in a fairly conclusive way what may be expected under certain conditions from a popularly supposed absolutely safe form of light. Intimately associated with the electric incandescent lamp is the flexible cord connection, and in this we have a probably ever more pronounced form of fire risk. In two cases recorded some time ago short circuits developed in cords supporting lamps not turned on, and while the current was almost instantly cut off by the blowing of fuses the momentary arcs were sufficient to set fire to the cords, which were oily and dirty with lint, being in a cotton mill. In both cases strands of the fine wire had probably broken

and pushed their sharp ends through the insulation, causing the trouble, and both occurrences showed that, however quickly current may be cut off by properly acting fuses, the heat of the arc produced is sufficient to make the cords burn.

## The Persuasive Art.

THE aim of the advertiser who wishes results is not to amuse the reader or to inform him, but rather to persuade him, says Joel Benton in *Printers' Ink*. He is not an actor for entertainment, except as entertainment is incidental to his chief purpose. He is more like the minister and lawyer and comes before the public to persuade his hearers to conviction in a certain direction.

He knows, of course, that the art of persuasion can be enhanced by circumstances of humor and ornament, that the picturing alliance does not come amiss and that a fair amount of pertinent instruction and argument must go into his story. There is nothing in fact that wakes the human mind to belief and action that he may not at times employ. He may be eloquent or poetic; he may momentarily diverge from his theme, if he comes back to it finally—provided such a tangent fixes or transfixes the memory. But whatever he does, if he does not in the end persuade, will be done in vain.

But how do people persuade? When Philip spoke he persuaded the Greeks to defend themselves against Persia and her innumerable legions. They thought while he was speaking, historians tell us, of nothing else. When Peter the Hermit went through Europe thousands were ready to follow him to Palestine to save the sacred places from infidel occupation.

To be sure, these are magnificent examples of the persuasive art, but they are not unfit examples for every-day business use since they indicate for us in what persuasion consists.

Its first and greatest element, as every one can see who thinks the matter thoroughly out, is the belief of the writer or the speaker in his own declarations. In other words, the only germinating worth in a story is the story-teller's firm and unquenchable conviction that what he says is true and is a truth for the reader to act upon.

It does not change the matter to say that people can be made to believe the most preposterous and ridiculous propositions, as no doubt they can be. For they only do this through some hypnotism of persuasion. It only shows that the avenues to the human minds are many, and if an unworthy belief can be created it should be nearly as easy—if not easier—to promote a reasonable belief.

A merchant who keeps still will probably sell something, but if he displays his goods and talks with interest about them, he will sell a much larger quantity. The truth is the public are constantly waiting to be persuaded of something, be it new or old. We all know that the moment a glib-tongued and adroit fakir stops at any curbstone where many people go by, and offers anything, big or little, with his fluent and plausible declaration pouring forth, there is a crowd soon to collect. Curiosity probably is the motive that halts them, but they soon grow open-mouthed and open-eyed and presently drop their dimes and quarters with alacrity for something they never would have bought in a still store.

Perhaps the thing bought was worth the money. There must be many cases where it is or the fakir would soon cease to flourish. Often, however, the thing sold is not a particle better or cheaper than one you could get at an indoor counter near by. But the purchaser took it because he met with an irresistible if not unaccountable persuasion. The hypnotism of the curbstone dealer went to its mark.

There is nothing which persuasion will not effect if you only know its art and if an advertiser would only steal the fakir's warmth and seductive accent, his present old dead advertisements might possibly attain a new life.

## Advertising Axioms.

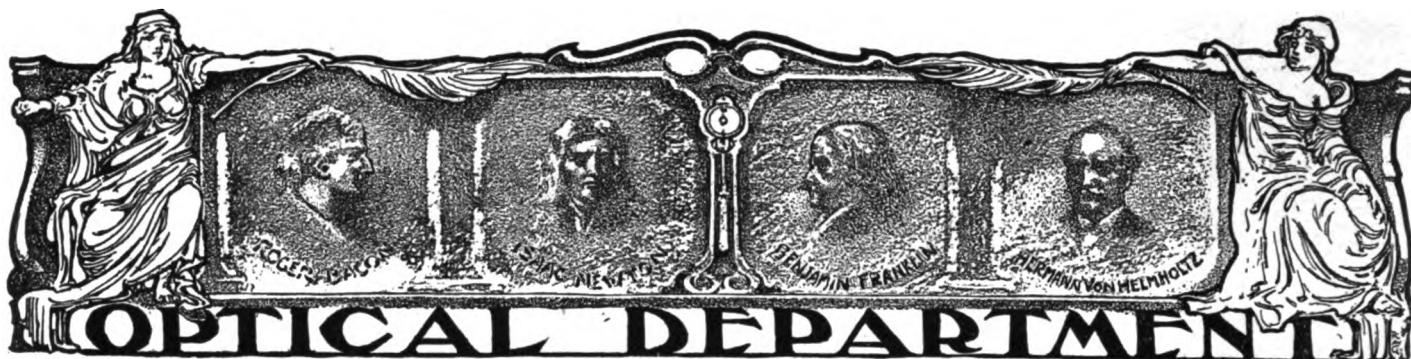
IF all the advertising were planned with business judgment there would be no doubt of the financial value to the one who promoted the business represented.

People won't appreciate your rights to business so much if you do not show by your works that your faith in your business ability is well grounded.

No two advertisements are likely to be equally valuable. No man is likely to be able to push his business with equal force on two successive days. Some days it will be easier to write advertisements than others. Some advertisements will pull better than the ones you thought ought to be the best ever written. In case of uncertainty persistence takes the place of every other quality and the persistent advertiser will get some business which might not come to the one who planned more cleverly but who seldom executed his good ideas.—*Advertising World*.

Charles Bickelmann, Schenectady, N. Y., has secured some valuable water color pictures. These he has placed in his display window for the admiration of passers-by.





CONDUCTED BY GEORGE A. ROGERS.

### Announcement.

IN the last issue of THE CIRCULAR-WEEKLY the 20th and last set of questions in the Dioptric Quiz was published. The official answers will be published weekly as heretofore until the termination of the contest, when the prizes will be awarded. This issue contains the opening chapters of an exhaustive article on "Physical Dioptrics," which will be published serially. The thoroughness of this article, which discusses the subject from almost every point of view, is but one of the features that ought to make it interesting to all opticians.

### Official Answers to Twelfth Set of Problems.

ACCORDING to the conditions under which THE CIRCULAR-WEEKLY'S Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the twelfth set of questions (published June 18, 1902) follow:

#### ANSWERS TO TWELFTH SET.

56. (a) + 1 D. S.  $\ominus$  - 1.50 D. C., ax. 150.
- (b) - .50 D. S.  $\ominus$  + 1.50 D. C., ax. 60.
57. (a) + 3.75 D. S.  $\ominus$  - 1.50 D. C., ax. 150.
- (b) + 2.25 D. S.  $\ominus$  + 1.50 D. C., ax. 60.
58. (a) In mer. 150, motion with.
- (b) In mer. 60, motion against.
59. + 2 D. S.  $\ominus$  - 1.50 D. C., ax. 150.
- + .50 D. S.  $\ominus$  + 1.50 D. C., ax. 60.
60. Front surface toric.
- 150th meridian 3 D.
- 60th meridian, 1.50 D.

### A Correction.

WE desire to announce to contestants in the Dioptric Quiz that in the 100th problem published in the last issue of THE CIRCULAR-WEEKLY, the object should be described as 250 mm. forward of the surface, and not 2.50 mm., as printed.

### Contestants' Solutions of Dioptric Quiz Problems.

CONTESTANTS still continue to send in excellent answers to the Dioptric Quiz problems, and these answers will be published regularly whenever space allows. The

following answers are those of William Westphal, St. Charles, Mo., to the eighth set.

#### MR. WESTPHAL'S ANSWERS (8TH SET).

- 36.—5 in. posterior to the + 8 D. lens.
- 37.—The image would be inverted and by diameter,  $1\frac{1}{4}$  of the flame; by area,  $1\frac{9}{16}$  of the flame.
- 38.—The image would be 10 in. posterior to the + 8 D. lens. It would be erect and by diameter,  $\frac{1}{2}$  of the flame; by area,  $\frac{9}{16}$  of the flame.
- 39.—The image would be 8 in. in front of the first lens (+ 7 D.) and by diameter  $\frac{4}{5}$  of the flame, by area  $\frac{16}{25}$  of the flame, it would be inverted.
- 40.—The image would be  $1\frac{13}{16}$  in. in front of the first lens (+ 7 D.). It would be erect and by diameter,  $1\frac{1}{8}$  of the flame; by area,  $1\frac{7}{9}$  of the flame.

### Optical Notes and Briefs.

Dr. B. J. Sawyer, optician, of Baker City, Ore., died last week.

Dr. J. F. McCreery, optician, at Whitney, Ore., has gone to Sumpter.

Walter E. Dalton, optician, with Jos. Ladomus, Chester, Pa., is convalescing slowly after a severe illness.

D. G. Currie & Co., Manistique, Mich., have just purchased a new optical outfit for their optical department.

M. A. Hess, optician, Gladbrook, Ia., has leased the offices formerly occupied by Dr. McCall over Elliott & Gormly's store.

Edward Burgheim has recently fitted up an optical dark-room in the store of his brother, David Burgheim, Indianapolis, Ind.

The Toronto, Can., papers are advertising for sale a jewelry and optical business at Clarksburg. The stock is valued at \$1,000.

Dr. L. P. Merar, eye specialist from the Janesville Optical Dispensary, Janesville, Wis., was at his Stoughton office Aug. 12 and 13.

It is announced that the next meeting of the Indiana Optical Society will be held in Indianapolis, in September, during the State Fair week.

Glenn Winslow, of Newberg, Ore., has received a diploma from the American Optical College, conferring upon him the degree of Doctor of Optics.

Prof. C. E. Sargent, of Gloversville, N. Y., was at the Lyon Hotel, Northville, N. Y., Aug. 14, 15 and 16, where he held consultations with several of his patients.

The Oklahoma Optical College of Oklahoma City and El Reno, Okla., was recently incorporated by W. D. Cave and Myrtle B. Bollinger, of Oklahoma City, and W. E. D. Cave, of El Reno.

Chas. H. Kittrell, Dublin, Ga., passed through New York last week on his way to Boston. Mr. Kittrell will return to New York after the convention and take the

Cross course in shadow testing. Mr. Cross left for Boston Sunday night.

H. A. Barraclough, optician, Sydney, Australia, has recently completed a post-graduate course in shadow testing under A. J. Cross, of 20 W. 23d St., New York. Mr. Barraclough left the city Aug. 15 en route for London, but will stop over at Boston until after the convention.

Chas. E. Wilson, Supt. of the glass shop of the American Optical Co., Southbridge, Mass., recently celebrated the 20th anniversary of his marriage by entertaining several of his friends at his home on Dresser St. The entertainment was a surprise to his wife.

Briggs S. Palmer, president of the John W. Sanborn Co., opticians, 3 Winter St., Boston, Mass., has returned from a vacation trip to Friendship, Me. Mr. Palmer suffered a slight injury while away, causing a temporary lameness, but does not look for any serious results.

Albert C. Lord, of Tilton, N. H., was arrested last week, charged by Lucian W. Bugbee & Co., mfg. opticians of Tilton and Boston, with embezzlement. The alleged embezzlement consists of the conversion of \$2,500 worth of stock belonging to the company. The case is still pending.

John Wimmer, optician, of Indianapolis, Ind., left Aug. 15 with his wife for an extended trip east. They visited Washington, New York, and several other cities before going to Boston, where Mr. Wimmer is attending the fifth annual convention of the American Association of Opticians.

One hundred opticians left on the Chicago Special, over the Grand Trunk Railroad, at 3 p. m., Sunday, to attend the regular annual meeting of the American Association of Opticians, at Boston, now in session. Side trips will be made to Providence and Attleboro, where the convention will inspect the various manufacturing plants.

A large plate glass show window in the store of the Hirschberg Optical Co., of St. Louis, Mo., near the corner of Sixth and Locust Sts., was broken about 11 o'clock one night last week, presumably by thieves. A lot of valuable opera glasses, spectacles, thermometers and other goods were within easy reach, but were not taken. The police are of the opinion that the thief was frightened away by the noise of the falling glass, the pane being badly shattered, and left for the time being with the intention of returning later to secure the goods. A watch was kept on the place by the police during the remainder of the night.

(Additional Optical News on page 52.)



## PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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### CHAPTER I.

#### Dioptric Notation.

All the phenomena of life, with which we are acquainted, consist of two classes: physical and metaphysical. This gives rise to the two sciences, physics and metaphysics. The one considers *matter* and phenomena pertaining to matter. The other considers *mind* and the phenomena of the mind. Physics is the science of matter and its phenomena, but to account for such phenomena another element is necessary, to-wit: physical force.

All physical phenomena consist of these two elements—matter and force. While they may be separately considered, they cannot exist separately. Matter without force is inconceivable; force without matter is impossible. Matter is the more tangible of the two. We can see it. But we see it by the means of force. Without force we could have no perception or consciousness of it.

Optics is a branch of physics. Its material elements are certain transparent substances and other non-transparent substances. Its force is the force of light. The transparent substances are termed media. The principal media in optics are air, water, glass and the dioptric media of the eye. Ether is of no consequence except in offering a basis for the transmission of light in space, and especially in space otherwise devoid of matter. Air is a medium of great optical importance, since it is the medium in which our observations are made. Water is chiefly important for comparison and illustration. Glass is of equal importance with air, because (1) it is solid and can be given a definite and permanent form, and (2) because of its difference from air as a conductor or resistant of light. It is these qualities that have given us the lens.

The lenses of the eye have existed, of course, since man was created, but the physical properties of the eye, and especially its optical properties, would likely never have been discovered or its action understood if the glass lens, by producing objective images, had not given the clue. The beginning of the study of optics is therefore with lenses rather than the eye, since, by that method, everything that the eye does optically can be illustrated objectively. As the study is a study of physical phenomena in which both matter and force participate, the usual line of procedure would be to begin with the material elements. But in optics so hidden is the force, and so dependent is our knowledge of its subtleties upon abstract reasoning, that we can advance more rapidly by taking the force and reducing it to some sort of system first. The order of these lectures will therefore be first the study of light, and after that the study of lenses and their action.

#### The Eye in Optics.

The lenses of the eye have existed, of course, since man was created, but the physical properties of the eye, and especially its optical properties, would likely never have been discovered or its action understood if the glass lens, by producing objective images, had not given the clue. The beginning of the study of optics is therefore with lenses rather than the eye, since, by that method, everything that the eye does optically can be illustrated objectively. As the study is a study of physical phenomena in which both matter and force participate, the usual line of procedure would be to begin with the material elements. But in optics so hidden is the force, and so dependent is our knowledge of its subtleties upon abstract reasoning, that we can advance more rapidly by taking the force and reducing it to some sort of system first. The order of these lectures will therefore be first the study of light, and after that the study of lenses and their action.

#### GEOMETRIC PROPERTIES.

The study of optics is essentially—if we allow a little latitude to the word—a study of spheres and spherical values. The student should therefore look up the sphere—turn to any convenient text book or dictionary and get clearly in mind the meaning of the following terms: sphere, diameter, radius, circumference, great and small circles, segment, arc, chord, tangent, sector, secant, axis, pole, surface, area, sagitta, angle, sine. The term "sphere," geometrically considered, is not matter, but merely equal extension in all directions from a point. It is physical, because it occupies space, but need not be material. It may be *static* or *dynamic*. A static sphere is stationary in extension—its radius is unchanging. A dynamic sphere is one whose extension varies from moment to moment. It may be reducing or it may be increasing. A sphere is bounded by a uniformly curved surface, every

point of which is equally distant from the center. The surface, or any part of the surface, of a sphere is spoken of in optics as a sphere. A plane surface may be regarded as a spherical surface—the surface of a sphere whose radius is infinite. A cylinder (look up cylinder also) may be regarded as a half sphere. It is spherical in one meridian, plane in the meridian at right angles thereto, and parabolic (of varying curvature) in all intermediate meridians. An angle at the center of a sphere is measured by the arc subtending it or reaching from one side of the angle to the other. Any angle may be regarded as having its apex at the center of a circle or sphere. A triangular prism (the kind used in optics) may be considered as a section cut from a sphere. But light is also a spherical force. It is evolved from points and proceeds, in a homogeneous medium, at equal velocity in all directions. Waves of light are dynamic spheres. The above cover all the essential material things and the one dynamic force of optics.

#### CURVATURE.

Since all optical materials and forces are of the spherical order or form, curvature is a common property of all. Curvature is the basis of dioptrics—the system of measuring optical effects. It is important, therefore, to have a system of measuring curvature. The curvatures of curved lines and surfaces vary inversely as their radii. That is, double the radius makes half the curvature, and half the radius makes double the curvature. By "curvature" the *degree* or sharpness of the curve is referred to. If the radius of curvature is infinite, curvature is zero. If the

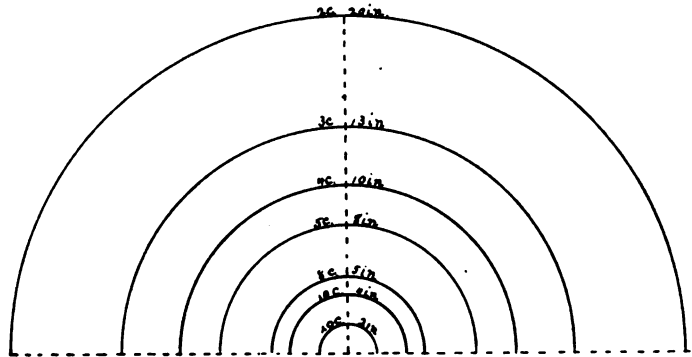


FIG. 1.

radius of curvature is zero (as at a point), curvature is infinite. But to give definiteness to this property of all sphericals, a *unit* of curvature is required. The unit adopted in dioptrics is that based upon a radius of *one meter*. It may be called the *metrocurv*, or abbreviated to the simple letter *c*. A curvature of 5c is, therefore, one with a radius of 1-5 meter. A radius of 2 meters gives a curvature of  $\frac{1}{2} = .5c$ . In inches the equivalents are as follows:

#### TABLE OF EQUIVALENTS.

20 ft.=240 in.	Radius=	6m.=1-6c.=0
40 in.	"	= 1m.= 1c.
20 in.	"	= 1-2m.= 2c.
13+ in.	"	= 1-3m.= 3c.
10 in.	"	= 1-4m.= 4c.
8 in.	"	= 1-5m.= 5c.
5 in.	"	= 1-8m.= 8c.
4 in.	"	= 1-10m.= 10c.
3+ in.	"	= 1-13m.= 13c.
2 in.	"	= 1-20m.= 20c.
1 in.	"	= 1-40m.= 40c.
$\frac{1}{2}$ in.	"	= 1-80m.= 80c. etc.

In the metric system of lineal measurements, the following is the table of equivalents:

#### METRIC TABLE.

10 millimeters	= 1 centimeter
10 centimeters	= 1 decimeter



10 decimeters = 1 meter  
 10 meters = 1 dekameter  
 10 dekameters = 1 hectometer  
 10 hectometers = 1 kilometer

We may, by analogy, construct the following table of curvatures:

**CURVATURE TABLE.**

10 millicurvs = 1 centicurv  
 10 centicurvs = 1 decicurv  
 10 decicurvs = 1 metrocurv  
 10 metrocurvs = 1 dekacurv  
 10 dekacurvs = 1 hectocurv  
 10 hectocurvs = 1 kilocurv

As the different units in the last table stand in inverse ratio to those of the former, the one may be reduced to the other by finding its reciprocal. For instance, a radius of 1 millimeter gives a curvature of 1 kilocurv for 1 millimeter, being .001 of meter, its reciprocal is  $1 \div .001 = 1000c = 1$  kilocurv. For the same reason a radius of 1 centimeter gives a curvature of 1 hectocurv and a radius of 1 decimeter, a curvature of 1 dekacurv. To reduce any metric lineal unit to curvature, the simplest way is to write it as the decimal of a meter, and then take its reciprocal. For instance, if the radius of a railway curve is 236.452 meters, its curvature is  $1 \div 236.452$ . The operation is as follows:

$$236.452) 1.000000 (.004229 + c.$$

945808

541920

472904

**Skiametry and the Skiameter.**

*Paper read by Gustavus Kahn before the Wisconsin State Optical Society, at Oshkosh, July 29, 1902.*

(Continued from page 75, issue of Aug. 18.)

**B**Y the use of the dynamic method we entirely dispense with the need for cycloplegics, because it enables us to measure the refraction of an eye while its accommodation is in full use, in fact it permits of the measurement of the amount of exerted accommodation which, under a given condition, is possible, in order to harmonize with the act of convergence necessary in a case of simple or compound hypermetropia, and thereby, reaching the normal limit of endurance and enabling us to measure the total working error.

It is impossible for me, in a limited sized paper, such as this one is, to give you full details and all the exact data upon which the Cross system of skiascopy is based, for this would require more time than we now have at our disposal. I will, however, give you a few details regarding the construction and use of the Cross Retino-Skiameter which is fast becoming so popular among advanced students of optometry.

The instrument resembles a good sized pair of opera glasses, with handle. When in use it is taken from its stand and held by the client's hand before his eyes, just as a pair of opera glasses would be held, nor is it any heavier either; being used in this way it possesses all the advantages of a trial frame on the face, for it enables a free movement of the head without having its relative position disturbed before the eyes, thus insuring a fixed position, which is so troublesome to maintain with instruments that are placed upon a stand or table.

If a good strong light is used, such as can be generated from a Welsbach gas lamp or an electric bulb, of 40 or 50 candle power, suitably hooded with a small opening next to the flame, the light being placed to one side of and near the client's head, a good source of illumination can be obtained, which has much to do with the satisfactory operation of the instrument. Then if a proper retinoscopic mirror is used, where neither the glass nor the hole in the center of the mirror is too large, a good clear view of the pupil and the fundus reflex can be obtained, after a little practice is had in learning to control the direction of the reflected light. The room used should be moderately dark, but not too much so, for the tubes of the instrument darken the eye sufficiently to enable measurements to be made in broad daylight by one who is experienced in handling the mirror.

The tubes of the instrument are double and adapt it to binocular purposes, which makes the Cross system not alone possible but very practical as well. Each tube contains four cylindrical lenses—two plus and two minus, with their axes crossed at right angles to each other, of which the plus cylinders are made movable on a slide, and can be operated forward and backward by means of a looped cord, which enables the operator to sit just 40 inches, or one meter, distant from the client's eyes. By pulling slightly on one side of this looped cord we are enabled to obtain from nothing up to six diopters of plus spherical lens power. Also by pulling the cord slightly to one side, after the error of least refraction is obtained, we can produce a simple cylindrical effect for the correction of any plus astigmatism which may be present. Minus lens values are obtained by rotating one of three concave

472904

2171560

2128068

43492

These are metrocurvs. To reduce to millicurvs it is only necessary to remove the decimal point three places to the right, which gives 4.229 m.c. The millicurv might prove more valuable for the expression of railway or track curvature than the metrocurv. or the centicurvs, which are .4229 c.c., or decicurvs, which are .04229

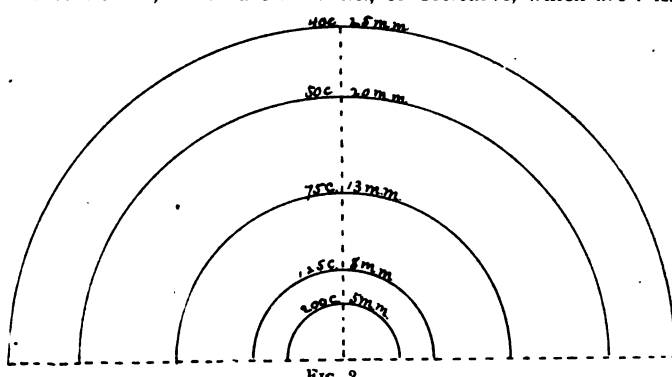


FIG. 2.

d.c., might prove more suitable than either. In dioptrics there is little or no use for any other unit than the metrocurv, the other units taking their place decimally beside it, but being read as so many metrocurvs.

(To be continued.)

spherical lenses, contained in a convenient disc that is situated on the end of the tube that is next to the client's eye. The side of the tube shows a graduated scale upon which pointers, attached to the sliding lenses, indicate the spherical or cylindrical refraction of the instrument.

Allowance for working distance is already made in the scales so that the net amount of the error equals the numbers shown by the pointers. The change from the static to dynamic method is compensated for by merely rotating the disc of lenses so that the proper neutralizing lens is before the client's eye, this being done before the examination is commenced, when the character of the error is known.

For the fogging method we apply the usual means by using too strong a plus quantity in hypermetropic cases, and too weak a minus quantity in myopic ones, the ease with which the lens values are changed, or altered, being a very pronounced improvement over all other devices.

In the amplifying method equal ease and speed are to be had, the examiner commencing with an under correction of the error and gently relaxing the muscle tension much as a wedge might be made to lift a heavy load by being gently, yet firmly, pressed forward. When the amplifying method is used in a binocular manner, by the operator controlling both cords at one time, it becomes particularly effective in some stubborn cases.

For magnification of the pupil, when it is needed, the addition of a weak minus spherical lens is obtained by turning the large disc. This creates artificial hypermetropia, or increases any if present, and at the same time permits of an increase in the magnifying power of the sliding lenses. Sometimes the normal amount of pupil



## Optical Department.

magnification of the instrument, without a supplementary concave lens being used, is too great, owing to an already large sized pupil, and in that case it is possible to diminish its apparent size by placing a suitable convex lens in the clip for that purpose, which is attached to the disc or battery of auxiliary lenses before mentioned. This gives the desired result by increasing any myopia present, or by decreasing any hypermetropia just the amount of the plus lens so used.

Another important feature of the Cross instrument lies in the readiness with which pupillary distance for center of eye pieces can be adjusted, which is similar to that of ordinary opera glass adjustment, and makes it possible to adapt the instrument to the center of both eyes at one time. There are several other important features which distinguish the Cross instrument from all other makes of shadow testing devices, one of the most valuable of which lies in its continuance of lens service, without break, clear through its whole range of six diopters, including all the fractions thereof down to the minutest lens quantity. This constitutes one of the greatest special advantages of this instrument, because all other devices are operated by lens batteries which make breaks in the refraction of the shadow and thereby adds to the confusion of the operator. The obtaining of a continuous lens power, without stops or breaks, is therefore of the very greatest importance and will never be realized in any other instrument without infringing upon Mr. Cross's invention.

As I said before, there are still many other features of this device regarding which I might speak, for those who are acquainted with it know that it stands alone as the most advanced shadow test instrument of the day. Then when we combine with it the incomparable Cross system of ocular skiametry, and realize its possibilities, it is easy to see that opticians have at last been given, by one of their own number, a truly scientific and high class means which ought to enable them to regain the prestige that has been wrested from them, through their failure to properly interpret the signs of the times.

Ladies and gentlemen, I thank you.

### Effect of Certain Foods on Vision.

It is an established fact that certain foods have a most injurious effect upon the eyes. It is recorded that the eyes of a whole family had been affected by eating rabbit pie, the eating of this food having caused in the eyes "failure of accommodation." Amblyopia has been caused by eating sausages and sour cream. Quinine sometimes affects the optic nerve in such a manner as to cause total blindness. Alcohol occasionally has the same effect. It has been learned that blindness resulting from the eating of tainted fish is almost incurable.

### The Constant Wearing of Glasses.

I AM often asked why it is necessary for young people to wear glasses constantly, says a writer in a recent issue of the *Ledger Monthly*. People, young or old, wear

glasses for but one reason, that they are more comfortable by so doing.

The competition in all lines of life is so keen that whoever has a handicap falls by the wayside. In school, the office, or the factory, if there is a strain upon one's eyes by reason of near sight, far sight, astigmatism, or lack of muscular harmony, the sufferer is anxious to rid himself of that disability. He finds that the work others do in comfort causes him to have a blur before the eyes, redness of the lids, a bad headache, or a strained feeling in back of the eyes, which later in the day settles into a severe

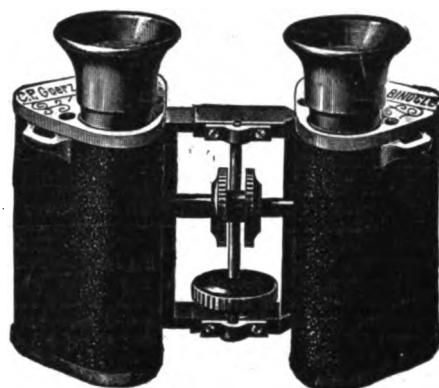
ache at the base of the brain.

By conversation with friends or the family physician he learns that these symptoms can be cured with proper glasses. Naturally when he gets them and is freed of the trouble he continues to wear them, preferring comfort to misery.

It should be a happy individual whose eyes are normal. Glasses are put on for no other reason than to approximate this condition in an eye which is faulty. Astigmatism and the other conditions of eye calling for glasses are not diseases, but errors of shape.

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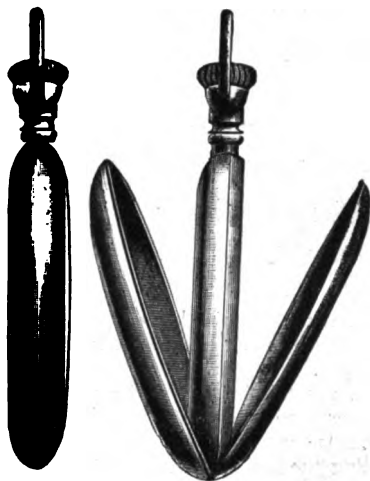
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### QUERIES BY OUR READERS.

**Note.**—Questions under this department will be answered as promptly as possible. Some queries require careful investigation before a satisfactory answer can be given; hence such answers are often seemingly delayed. *THE CIRCULAR-WEEKLY* desires every jeweler to take advantage of this department.

CARBON HILL, Ala., July 30, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

Will you please publish in your valuable journal the proper way to dispose of a watch that has been left for repairs when the owner fails to call for same? Also, what length of time does a jeweler have to hold such jobs before he can sell for charges for repairs? Does the law require a man to advertise such jobs before selling or notify owner of said watch? Please answer the above questions and greatly oblige. C. B. A.

**ANSWER:**—This being a question which involves the laws of Alabama, the query was referred to a member of the Alabama Bar, now practicing in New York, who reports thereon as follows:

NEW YORK, Aug. 14, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

In answer to yours of recent date enclosing a question by C. B. A., jeweler, Carbon Hill, Ala., as to "What is the proper way to dispose of a watch that has been left for repairs for which the owner has failed to call in a reasonable time and to pay the charges? and how, under the laws of Alabama may the jeweler get his money?" I would say:

Section 2753, Article II. of the Code of Alabama, 1896, provides: "that any jeweler or other mechanic performing any work on any article shall have a lien on such article for the amount due him for such work and shall have the right of attachment in order to perfect his lien." In the case of Mr. Alsop, however, he has the watch in his possession. There is no statute in Alabama giving him the right of selling under these circumstances without first obtaining a judgment in court, and there is no decision in that State on this question. He may, however, perfect his lien when the property is in his possession by securing a judgment (suing the owner), and having the property levied upon to satisfy his judgment. He may also perfect his lien by going into a Court of Chancery. For, after getting his judgment and having the property levied on and sold, should the owner sue for the property, he can set up his lien as a defense. This seems to be the only safe course for a jeweler in Alabama to pursue in regard to property on which he has done work and which is left without being called for. Of course, he might notify the owner of the sale of such property to satisfy the debt and sell it, and the chances are that should the owner sue him he would only recover the difference between the amount the property sold for and the amount of the debt due the jeweler, but this could not be considered a perfectly safe way of proceeding.

Yours very truly, LORLYS ELTON ROGERS.

NEW YORK, Aug. 2, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

Can you tell me the composition of the new metal called Kayser Zinn, and whether or not it is manufactured in this country?

SUBSCRIBER.

**ANSWER:**—Kayser Zinn is a name given art goods composed of tin which are made in Germany. The ware takes its name from the factory where it is made.

WORCESTER, Mass., Aug. 1, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

Will you kindly state in *THE CIRCULAR-WEEKLY*, how long, in New York State, must a jeweler keep watches that have been repaired and not called for, before he can sell them? J. C. F.

**ANSWER:**—The lien law of New York, Laws 1897, Chapter 418, Section 80 *et seq.*, prescribes that a lien against personal property other than a mortgage on chattels, if in the legal possession of the lienor, may be satisfied by the public sale of such property according to the provisions of this ar-

ticle. Then follows the method by which such sale shall be made. Before such sale can be made the lienor must serve a notice upon the owner, if such owner can be found in the county where the lien arose; if not, then the person for whose account the same is then held personally, providing such service can be made with due diligence within the county in which the lien arose, but if such person cannot be found within the county then the notice shall be made by mailing it to him at his last known place of residence or his last known post office address and like notice shall be served in the same way upon any person who shall have given to the lienor notice of an interest in the property subject to the lien; such notice shall contain a statement of the following facts: Nature of the debt or agreement under which the lien arose, with an itemized statement of the claim and the time when due, a brief description of the personal property, the estimate of the value of the property, the amount of the lien and the date of the notice, and it shall require that the amount shall be paid on or before a day mentioned therein not less than 10 days from the service thereof and shall state the time when and place where such property shall be sold if such amount is not paid. Such notice shall be verified by the lienor to the effect that the lien upon such property is valid, that the debt upon which said lien is founded is due and has not been paid and that the facts stated in such notice are true to the best of his knowledge and belief. The sale must be at public auction to the highest bidder and shall be held in the city or town where the lien was acquired. After the time for payment given in the notice required to be served on the owner shall have elapsed notice of such sale describing the property to be sold stating the name of the owner or the person for whose account the same is then held and the time and place of sale shall be published once a week for two consecutive weeks in a newspaper published in the town or city where such sale is to take place, and such sale shall be held not less than 15 days from the time of the first publication. At any time before the sale the owner may redeem his property by paying the amount of the lien and the legitimate additional charges the lienor may have incurred. The proceeds of the sale shall be used by the lienor to pay, first, the amount of his lien and charges of sale, and the balance, if any, shall be held subject to the demand of the owner.

NEW YORK, Aug. 7, 1902.

Editor of *THE JEWELERS' CIRCULAR-WEEKLY*:

What is the quality of gold expressed by an anvil and hammer on a Swiss watch case? In center of inside is also, besides the above, a crown in a small circle. The watch is an expensive repeater, but has no karat mark anywhere. Yours truly, C. J. Z.

**ANSWER:**—We do not think that the marks indicate the quality of the gold in the case. The French mark for 18-kt. is an eagle head. The Swiss use for 18-kt. a Liberty head with crown, and for 14-kt. a squirrel.

Gminder & Limerick, Baltimore, Md., have issued circulars announcing their recent removal to 21 N. Liberty St., where they have better accommodations and facilities for their business.



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## PROBLEMS OF THE WATCHMAKER'S BENCH.\*

BY PUTEANUS.

### How To Replace a Broken Pivot.

(Continued from page 78, issue of July 30.)

**B**EFORE concluding the dissertation on the above subject I want to explain the peculiar shape of the drill 5, illustrated in Fig. XIII. This drill is represented in an enlarged form in Fig. XV. It is not necessary to give two illustrations of such a very simple drill, but as that kind of drill is probably known by only a few watchmakers, I desired in so doing to call particular attention to it, and, moreover, because I am convinced that it will interest all watchmakers. The drill is not made of steel wire, nor of a needle, old file or broach; it is simply made of a piece of mainspring.

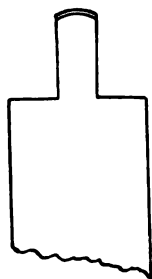


FIG. XV.

Broken mainsprings have many advantages for such purposes. They are always at hand in repair shops; the steel used in their manufacture is the very best; in fact, it is of a better quality than that of any other steel piece in a watch. It can therefore be hardened thoroughly, so that even most of the arbors and pinions of Swiss watches can be drilled without being annealed. Broken mainsprings cost nothing and the making of a mainspring steel drill takes only one-fourth of the time required in making one from any other kind of steel.

Another and more important point is that owing to its flatness it never gets stuck in the hole, requires less pressure and cuts more readily than those made of wire, the blade of which is often left too thick for fear of breaking.

These are all good points in favor of the mainspring steel drill, which will undoubtedly make it the ideal material for those who are accustomed to make their own drills.

To make such a drill we proceed as follows:

We select a piece of mainspring of appropriate size, i. e., we would not take a piece of a very thick and wide mainspring for a very small hole, but it is better to select one of a smaller size, a 16 or 12 size watch mainspring, for instance. Then one end of it is tempered, fastened in a pin-

vise and filed to the desired width. This width can be the same all over the whole length of the blade, but it is preferable to have it slightly narrower towards the end to prevent it from getting stuck.

The cutting edge most appropriate is that illustrated by 3, Fig. XIV. It is well, also, to bevel the blade over its whole length according to the direction of the lathe's motion, although this is not strictly necessary. Hardening and annealing are done in the customary way.

The shape of the drill has certain advantages, namely, that although repeatedly sharpened the diameter of the hole will not change materially, as the width of the drill remains the same throughout its length, which is not the case with those drills that have a spoon-shaped blade.

The length of our blade needs only to be as long as the pivot should be and it will thus be sufficiently strong. But in order to be able to use it for a long time we can make it one and a half times as long as the pivot, which will allow us to sharpen it frequently if necessary.

For this reason this is the best drill that can be used with drilling devices similar to that illustrated in Fig. XIII., because if such a disc be used for the centering and drilling of a hole it is important that the drill should fit exactly in the hole of the disc in which the arbor turns, and it will then always drill in the center line of the arbor. Those of any other shape may easily drill out of center. A diamond shaped drill, for instance, 1, 2, Fig. XIV., may settle wrong when its largest width does not coincide from the beginning with the smallest diameter of the conical hole, and this is another reason why the angle of the cutting edge of these drills should be very obtuse. For the same reason the drill must not be narrowed too briskly behind the cutting line. It need not be said that the drill (Fig. XV.) is just as useful for the drilling by free hand in an American lathe as it is for the device illustrated in Fig. XIII.

Holes are generally drilled as deep as the length of the pivot, but this is not necessary; three-quarters of its length and even half its length is deep enough when made intelligently. Why this is so can be explained in a few words. If a deep hole be drilled one length of the pivot or two lengths would not make any difference if it be left cylindrical because the wire of which the plug is filed is generally made

taper and however slightly tapering it may be it will therefore only fasten itself on the entrance of the hole. This is the reason why, when turning the plug true, it becomes loose. Any attempt to drive it in again more securely may bend it or split the arbor, by which it will not be fastened more securely than before. A cylindrical plug in a cylindrical hole would still less stand the stress of turning, smoothing and polishing.

I have learned how to prevent this, even with a hole half as deep, from Mr. Heinrich, the chronometer maker, who has had about 64 years of experience at the bench. This latter statement is certainly unnecessary to make watchmakers give my friend's method a trial, for when they read how simple it is they will wonder why they had not thought of it before. Now then when the hole is drilled take a broken broach or a new one may also be used, if desired, and break it off where it will fit just at the entrance of the hole. Then widen the hole until the broach reaches the bottom, after which operation the hole will be slightly tapered and the tapering cylinder plug will fit in the hole as if it were of one single piece. It is not even necessary to hammer that plug in the hole, because it can be fastened by half a turn, like a screw. A slight blow afterwards with the hammer will, however, do no harm.

This is the same system as that used by Mr. Heinrich for the fastening of his screw-driver, which is described on p. 75, issue of Feb. 26, 1902.

I believe the annealing, centering and drilling of arbors has been sufficiently well explained, so I shall conclude by saying a few words about pivot steel.

What is the best steel to use for pivot plugs is also a question often asked. Sewing needles, broken broaches, steel wire, etc., are recommended and generally accepted, but that kind of steel is not always of a faultless quality; then again there arises the trouble of annealing, hardening and re-annealing; all this is obviated by that kind of steel used by M. Quendet, a skilled pivoter and watchmaker, still comparatively young. This man is referred to merely to give due credit to those who are not so narrow-minded as to keep professional methods for themselves.

The pivot steel used by M. Quendet is the fine steel strings of mandolins, zithers and similar instruments. This wire is of the finest quality, correct hardness and thickness; it furnishes, in fact, the ready-made pivots. It needs neither to be hardened nor annealed, and it can be easily and quickly filed with a few strokes of an oilstone slip, so as

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## Gem of American Lakes.

The leading article in the *Four Track News* for August is on Lake George. It is by Mr. Eugene J. Hall and profusely illustrated.

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to make it perfectly fit the hole. A broken steel string may furnish enough pivot plugs for a whole lifetime and such strings are easily obtainable, because mandolins, etc., can be found nearly in every family. The string may be cut up in pieces from three to five centimeters long and then stored away for future use. They can be prepared, as a plug, by using a pin vise or a wire chuck of the lathe.

With such tools as the mainspring steel drill and the mandolin steel wire at hand, it can be readily understood that after some experience a broken pivot can be nicely replaced in 15 minutes. It is therefore not at all necessary to use the Jacot lathe, such as is illustrated in Fig. XIII, for it can be done just as quickly in an American lathe.

While this subject was being treated a watchmaker described in several foreign trade papers another and a new method of repairing a balance staff pivot in which no hole drilling is required. The *modus operandi* is as follows: Anneal the arbor, then turn it, if the lower pivot be broken, to half its thickness; fit upon it firmly the cannon pinion of a Swiss watch, then turn the pinion so that the roller may again fit upon it. Shorten it also to the required length and drive in its lower end a piece of properly hardened steel wire from which the pivot can then be easily turned. All this, the writer says, takes only half an hour. Well, that is half an hour too much for I will say dubious work, in order not to be too severe on the man. It would be much better to turn in a new staff, even if it requires a full hour or more to do it, for in this latter case he will have a true staff, if he knows how to turn.

In order to avoid becoming tiresome I will refrain from discussing at length the methods of drilling, smoothing and polishing and rounding up the ends of the pivot. This, I suppose, does not belong to this subject, and moreover, if continued, would entail the lengthy and exhaustive discussion of a subject which rightly should be here concluded.

#### An Old-Timer Now In The Way.

IN the storeroom of the Alton, says the Bloomington, Ill., *Paragraph*, stands an antiquated clock which carries the dignity and majesty of age and former grandeur. It is a tall stately looking piece of furniture, and is said to have been the instrument by which all the watches and clocks of the Alton were regulated in the early history of the road.

The time was received by telegraph from Chicago every day, and a man was sent to adjust the clock as soon as the intelligence was received. It is made of mahogany, and in these days when the fad is to collect parlor ornaments, it seems strange that seekers of antique designs for offices and none of the officials of the road have seen fit to have the old timepiece removed to a quarter more in keeping with its dignity and past history.

It is said to have cost \$800 originally, and the only reference now made to it is to wish that it would be removed from the floor where it stands.

A novel clock seen in a barber shop has a reversed dial and is read through a reflection in the mirror.

#### The Clock and Watch Trade in Austria.

WASHINGTON, D. C., Aug. 13.—The State Department has just made public the interesting report mentioned on the clock and watch trade of Austria, made to the Department by Fredk. W. Hossfeld, the U. S. Consul at Trieste. The report, which is complete and elaborate, contains hints and suggestions which may prove profitable to the American manufacturers, reads as follows:

Clocks, and also watches to some ex-

Austrian founder in the latter's own territory. Karlstein's industry lost prestige, and about thirty years ago the leading manufacturers petitioned the Government to found in their city a horological school. Their petition was granted, and the first Austrian clock and watch makers' school, equipped with good machinery and skillful masters from the Black Forest, was opened at Karlstein in 1873.

The influence of the school has been far-reaching. To its graduates, who may be found plying their trade in nearly every city

THE FOLLOWING TABLE SHOWS IN DETAIL THE IMPORTS OF WATCHES AND CLOCKS AND PARTS THEREOF FOR THE YEAR 1901:

Description.	Quantity.	Value.	
<i>Watches.</i>		Crowns.	
With gold cases . . . . .	pieces. 102,052	5,102,600	\$1,085,828
With cases partly of gold. . . . .	do. 2,412	45,828	9,808
With gold-plated cases . . . . .	do. 58,716	589,375	109,493
With silver cases . . . . .	do. 266,483	2,981,813	595,087
With silver-plated cases . . . . .	do. 4,261	29,827	6,056
With other kinds of cases. . . . .	do. 182,394	1,197,364	243,065
Total . . . . .	611,818	9,846,807	1,998,801
<i>Watch Cases.</i>			
Gold . . . . .	pieces. 227	6,725	1,365
Gold-plated . . . . .	do. 7,064	37,174	7,546
Silver . . . . .	do. 23,719	143,314	28,890
Silver-plated . . . . .	do. 5,554	19,994	4,089
Other kinds . . . . .	do. 4,121	14,836	3,013
Total . . . . .	40,685	221,043	44,863
<i>Miscellaneous.</i>			
Watch works . . . . .	pieces. 789	6,812	1,281
Pieces of watch works. . . . .	pounds. 20,062	687,000	129,311
Clock works . . . . .	do. 247,135	1,121,000	227,563
Wooden clocks . . . . .	do. 46,968	59,640	12,107
Other clocks . . . . .	do. 52,068	478,000	95,816
Total . . . . .	366,223	2,295,952	466,078

#### Countries Whence Imported.

Description.	Ger- many.	Switzer- land.	Italy.	France.	Great Britain.	United States.	Other coun- tries.
<i>Watches.</i>							
With gold cases .....	pieces. 1,018	100,714	30	88	38	66	113
With cases partly of gold .....	do. 25	2,379	1	6	.....	.....	1
With gold-plated cases .....	do. 745	47,749	2	5,009	44	3	164
With silver cases .....	do. 1,664	264,443	44	190	31	23	88
With silver-plated cases .....	do. 61	3,540	3	612	24	18	3
With other kinds of cases .....	do. 4,201	181,665	28	45,322	168	1,388	122
Total .....	7,709	550,490	98	51,227	305	1,498	491
<i>Watch Cases.</i>							
Gold .....	pieces. 65	157	.....	.....	.....	.....	8
Gold-plated .....	do. 16	6,976	.....	72	.....	.....	.....
Silver .....	do. 818	22,623	.....	744	.....	.....	34
Silver-plated .....	do. 8	5,276	.....	275	.....	.....	.....
Other kinds .....	do. 181	494	.....	3,439	.....	.....	57
Total .....	588	35,526	.....	4,580	.....	.....	96
<i>Miscellaneous.</i>							
Watch works .....	pieces. 8	786	.....	.....	.....	.....	.....
Pieces of watch works .....	pounds. 6,173	9,700	.....	4,189	.....	.....	.....
Clock works .....	do. 232,144	2,645	.....	12,885	.....	.....	.....
Wooden clocks .....	do. 46,737	220	.....	.....	.....	.....	.....
Other clocks .....	do. 35,068	7,275	220	6,173	1,543	1,102	661
Total .....	320,107	19,840	220	22,747	1,543	1,102	661

tent, have been manufactured in Austria for more than 200 years. Half a century ago, the wooden clocks of Karlstein, in Lower Austria, were as renowned as those of the Black Forest region, and found a ready market throughout southeastern Europe. It is estimated that the Karlstein industry produced at that time from 60,000 to 80,000 clocks annually. Originally, the wheels of these clocks were made of peach wood which had been boiled in linseed oil. These wheels were carved by hand, and their cogs acted on small wire pins. When, however, the Black Forest industry substituted brazen for wooden wheels, the Karlstein clock makers were forced to adopt this innovation. Several small brass foundries were started, but it was soon found that the Germans, who had in the meanwhile learned to manufacture the new wheels by machinery, they could undersell the

of the Empire, the Austrian pendulum clock and the celebrated Vienna regulator owe their excellence. But the school has not been able to instill into its students organizing capacity and modern enterprise. Not only do the Karlstein clock makers continue to import their wheels from Germany, but foreign clock manufacturers have been able to open branch factories in the very heart of the Austrian Empire. Furthermore, in spite of the fact that watchmaking in all its branches is taught in the Karlstein school, no attempt has ever been made to found a watch factory in this country.

#### IMPORTS.

The value of watches and parts of watches imported into the Monarchy in 1901 was 11,710,662 crowns (\$2,377,264), and that of clocks and clock works 1,652,640 crowns (\$335,486). The total number of watches



imported was 611,818, 90 per cent. of which came from Switzerland, 8 per cent. from France, 1 per cent. from Germany, and the remainder from Italy, Great Britain, and the United States.

During the same year 40,685 watch cases were imported, their appraised value being 221,043 crowns (\$44,872). Here, again, Switzerland led, with 35,526 pieces, and it is worthy of note that not a single case came from the United States.

nish 72 per cent. and the United States only the 15th part of 1 per cent., or why our excellent kitchen and alarm clocks should not be purchasable in as large a city as Trieste.

#### THE AUSTRO-HUNGARIAN TARIFF.

The duty which Austria-Hungary levies on watches and clocks and parts thereof is not excessive. It is in all instances specific and ranges for watches from 14.5 to 48.25 cents apiece and for clocks from \$1.925

THE FOLLOWING TABLE GIVES THE TARIFF FOR ALL KINDS OF TIMEPIECES AND PARTS THEREOF, TOGETHER WITH DISCOUNTS ALLOWED FOR TARE WHEN DUTY IS PAYABLE ON GROSS WEIGHT:

Description.		Duty.
<b>A.</b>		
Watches:		
With gold or gold-plated cases..... each.	1.00	\$0.48%
With cases containing only a small percentage of gold, if from treaty countries..... each.	.75	.36%
With silver cases that are gilded or have gilded edges, rings, or knobs, if from treaty countries..... each.	.50	.24%
With other kinds of cases that are gilded or have gilded or plated edges, rings, or knobs, if from treaty countries..... each.	.30	.14%
<b>B.</b>		
With silver or silver-plated cases..... each.	.50	.24%
With silver-plated cases, if from treaty countries..... do...	.30	.14%
<b>C.</b>		
With other kinds of cases..... each.	.30	.14%
<b>A.</b>		
Watch cases:		
Gold or gold-plated..... each.	.70	.38%
Partly gold, if from treaty countries..... do...	.45	.21%
Silver, gilded or with gilded or plated edges, rings, or knobs, if from treaty countries..... each.	.20	.09%
Other kinds, gilded or with gilded or plated edges, rings, or knobs, if from treaty countries..... each.	.10	.04%
<b>B.</b>		
Silver or silver-plated..... each.	.20	.09%
Silver-plated, if from treaty countries..... do...	.10	.04%
Other kinds, according to the material of which they are made.		
Other kinds, if from treaty countries..... each.	.10	.04%
Watch works:		
Works..... do...	.30	.14%
Parts of works*..... per quintal (220.5 pounds)..... do...	50.00	24.19%
Parts of works, if from treaty countries*..... do...	40.00	19.30
Clocks:		
Clocks and clock works*..... do...	100.00	48.25
Of the Black Forest variety, if from treaty countries*..... do...	40.00	19.30
Steeple clocks or parts thereof..... do...	10.00	4.82%

\*Allowance for tare, 20 per cent., if packed in boxes or barrels; 13 per cent., if packed in baskets; 7 per cent., if packed in bales.

†Allowance for tare, 10 per cent., if packed in boxes or barrels; 5 per cent., if packed in baskets; 4 per cent., if packed in bales.

It is difficult to understand why our people have not succeeded in securing a fair share of this trade. The superiority of American watches is now recognized throughout the civilized world, and yet not one in four hundred of the 600,000 watches imported annually into this country comes from the United States. One reason may, perhaps, be found in the fact that our trade finds it difficult to submit to the stringent assay regulations, which require all gold and silver ware, whether manufactured within the Empire or imported, to be examined and stamped by an imperial assay officer before it is placed on the market. These regulations also forbid the importation of plated cases, unless the layer of precious metal is so thin that it can readily be abraded with the touchstone. All standard plated as well as the so-called filled gold and silver cases in the manufacture of which America leads the world, are thus shut out from the Austrian market.

I fail to see any good reason, however, why watch works and solid gold and silver cases of American manufacture should not be able to compete in this market, or why of the 180,000 cases made of other than precious metals which are annually imported into Austria little Switzerland should fur-

to \$48.25 per quintal (220.5 pounds).

It should be borne in mind that the Austrian assay regulations require gold cases to contain at least 0.58 and silver cases 0.75 fine metal. Cases made of precious metal not coming up to the lowest legal standard are either broken up (in which case the metal is returned to the manufacturer or dealer), or if they have been imported they may, at the request of their owners or importers, be returned to the country of origin. The assay regulations do not apply, however, to timepieces imported by individuals for personal use.

The products of manufacturers of well-established reputation, both native and foreign, are as a rule subjected to only a cursory examination when they bear authentic factory marks; but all gold and silver ware which comes into Austria without such a mark or the reliability of whose manufacturer is suspected, must undergo an individual or piece test, which usually leaves a noticeable blemish on the article.

#### HOW TO FIND A MARKET.

American watches will not sell themselves, like American wheat or cotton. Their excellence and their comparatively moderate prices should be brought to the

notice of foreign importers and dealers, and for this purpose letters and circulars in English are of little avail, as they usually go to the waste paper basket.

Foreign agents, if intelligent, industrious and reliable, may be employed to advantage at times, but they are rarely as efficient as American salesmen. Satisfactory and permanent markets for our manufactured goods can, in my opinion, be best established abroad by our own salesmen who are familiar with the customs and languages of the people among whom trade is sought. So far, comparatively little has been done in this direction. I believe that none of the great commercial nations of Europe employs as many traveling salesmen at home and sends as few abroad as the United States. This alone accounts for the fact that some of our most advanced industries are as yet practically without a foreign market.

It will be a sad day for the Swiss watch and the German clock manufacturers when their American rivals decide to dispatch a few wide-awake drummers across the Atlantic to work up a trade for the American timepiece.

#### New Book for Watchmakers.

**D**ER Uhrmacher am Werktsch, or in English, "The Watchmaker at the Bench," is the title of a recent German work of Wilh. Schultz, chief editor of the *Deutsche Uhrmacher-Zeitung*, Berlin. This work is an exceptionally comprehensive one, and suitable for either young watchmakers who have recently finished their apprenticeship in a horological institute, or even for skilled watchmakers of long experience.

The book pays particular attention to the repairing of watches of foreign make, and the explanations are given in clear, concise language. American watchmakers have not, perhaps, devoted as much time to the study of the repairing of foreign watches as might be desirable, and for that reason this book ought to prove helpful to them. It explains in detail how to test the depth of wheels, how to determine whether a pinion or a wheel is too large or too small, how to bush holes, the way to repair flaws in the anchor of the cylinder escapements, the best way to select and to fit a new hairspring, etc.

In reviewing the book it was thought well to mention the fact that the author has deemed it worthy to reproduce in his manual the article and illustrations written by Mr. Haschka, describing a tool for bending the overcoil of Breguet hairsprings, and for which Mr. Haschka was awarded a premium of \$5 in a contest last year for the best answer to a technical problem. The book sells for \$1.40, and is mailed to foreign countries for 25 cents extra.

#### An Old "Grandfather's Clock."

**A** FRAMINGHAM, MASS., man is the proud possessor of perhaps the most ancient timepiece in town, says a New England exchange. It is of English make and was brought to this country in 1640. It finally found its way to Framingham in 1705 and has remained there ever since. Of the old English style, it is a type of "grandfather's clock," and keeps excellent time.



## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 207.—Demagnetizer.**—*I have had in view for some time a kind of demagnetizer for watches and from information at hand find that demagnetizers are not sufficient and have not the required amount of alternations. Now probably you can solve the question. My object is to get a small alternating demagnetizer, no matter what shape or "how old" the machine, as long as it will have the required amount of alternations (small as possible in size). Could you enlighten me as to where I can get this or what would you suggest?*

E. O.

**ANSWER:**—If the demagnetizers sold by dealers in watch materials do not suit you the best that can be suggested is to thoroughly read the article on demagnetization of watches in the issue of THE CIRCULAR-WEEKLY of July 30, 1902, page 76, and to make such a simple tool for yourself. Demagnetization in such a manner can be accomplished, but, of course, it will take more time.

**QUESTION No. 208.—Rate of Regulator.**—*You will greatly oblige by letting me know, through THE CIRCULAR-WEEKLY, if a regulator that keeps correct time in a watch repairing office will keep the same time in a cotton mill engine room?* W. F. G.

**ANSWER:**—You did not state whether the regulator is provided with a compensation pendulum, but whatever it may be, the rate most probably will not be the same in one place as in another, as the temperature in an engine room may change suddenly from a high to a very low one, especially on Saturdays, in the Winter time, when the fire may be extinguished. Then if the pendulum be of the grill type its compensating qualities will not work as suddenly as the changes of temperature. The principal cause for change in rate, however, may be the more or less heavy shaking of the wall, which might even cause the regulator to stop.

**QUESTION No. 209.—Old English Verge Watch.**—*I have in for repair an old English verge watch; it is quite old and a good example of its time; made by Wm. Wolfall, London; double case, and about as round as a ball. As I find no mention of the maker in "Former Clock and Watch-makers" (Britten), I write to see if you can assist me in determining its age.* A. A. P.

**ANSWER:**—We cannot find any trace of Wm. Wolfall's name. Marks in the case and peculiarities of the movement might help to determine the probable age of the watch. Names on watches and clocks do not always represent those of the maker. It was thus in former days exactly as it is now and historians tell us that swindling and imitating was more flourishing in olden times than it is now.

**QUESTION No. 210.—Old Watches.**—*Can you inform me who John L. Graham was and what relation to Geo. Graham, 1673-1751? I have an old English lever watch escapement, cap-jeweled, made by John L. Graham, Moorgate St., London; movement*

*No. 4556. It is in excellent condition and I would like to know the age of same. I also have an English lever made by John Harrison, Liverpool, movement No. 5946. What relation was he to John Harrison, 1693-1776? His watch is also in a good state of preservation. Lever has no horns on fork. Case is stamped "J. F." and has an "O" in a hexagon. I have looked up the history and as near as I can estimate, both were probably made in the early part of the year 1800. Any information on these two watches will be greatly appreciated.*

G. G. K.

**ANSWER:**—We do not know anything about the question of relation, the age of the watch, nor can we determine it from the above described hall-mark. English date hall-marks are represented by letters of the alphabet, which are changed every year. When one type of alphabet has been used another type is taken, consequently every O does not represent the same year. They have to be seen or exactly reproduced in order that one might decide the date. From the statement in the foregoing answer in reference to commercial dishonesty of former days, we may suppose that namesakes of great men tried to make as much money out of it as possible. They may have been induced to hire or lend their names to a business without having any knowledge of or interest in the business. One of our technical writers who was employed in a first class jewelry store in one of the largest cities of Europe furnishes an example of this. The name of the firm was that of a renowned watchmaker who lived a century ago. The business, through lack of heirs, had been sold many times with the name of the old firm. Its present proprietor, although his personal name was totally different from that of the renowned watchmaker, was addressed by his rich patrons with the defunct firm name, to which the proprietor, of course, had absolutely no objection.

**QUESTION No. 211.—Yellow Silver Watches.**—*Please let us know, through "Workshop Notes," why silver Swiss chate-laine watches become yellow after wearing for a few days.* L. K.

**ANSWER:**—This may be caused by climate, by temperature, or by the person who wears the watch. In Winter time, when the air is dry and people do not perspire freely, the keys that one carries in the pockets of his trousers become polished, while in Summer time they frequently become rusted. It is the same with silver watches, for they also oxidize in the pocket.

**QUESTION No. 212.—Mainsprings.**—*Will you, please, tell me, through your paper, where I can get a mainspring that will give satisfaction?* D. M. D.

**ANSWER:**—It is hardly possible, from your question, to understand what kind of satisfaction you desire. Mainsprings which are very hard have more elasticity and power than those of the same dimensions, but which are more annealed. Such main-

springs, however, are more liable to break. Weak mainsprings or those more tempered very soon lose their elasticity. This without doubt you must have observed when at some time, having wound such a new spring in the barrel, and for some reason having taken it out again, it was found that its coils did not open as far as before. A good mainspring must neither be too hard nor too weak; tempered of the same degree all over its length; of a regular and fine grain of steel, and without the least crack or flaw. Mainsprings of this kind can be had by reading the advertisements of mainspring dealers which appear in THE JEWELERS' CIRCULAR-WEEKLY. Attention, however, must be called to the fact that no advertiser will or can guarantee a mainspring against breaking. When a good mainspring is obtained the watchmaker can greatly prevent the risks of breaking by keeping his stock of mainsprings wrapped up in oil or paraffine paper in tightly closed boxes, as this prevents rusting; moreover, a mainspring winder may be used instead of twisting the mainspring in the barrel by free hand, as this prevents false bending in the coils. Care must be taken that the hook of the mainspring arbor collet be not too long, so that it will not touch the second coil of the mainspring when wound. No other oils but suitable fat oils should be used.

**QUESTION No. 213.—Clock Weight.**—*Would you, please, let me know how heavy a weight it takes to operate the weight clock that was described in THE CIRCULAR-WEEKLY of May 21?* A. F. C.

**ANSWER:**—Please read answer to Question No. 157.

### Queen Alexandra's Clocks.

QUEEN ALEXANDRA is so passionately fond of clocks that she has some 300 of them—small, large, fancy and plain—at Sandringham. Curiously enough, these have always been kept half an hour fast, to humor the king, though the custom is supposed to be handed down from the famous Earl of Leicester.

The finest collection in the world is supposed to be at Buckingham palace, the number of clocks there being considerably over 300, while Marlborough House is believed to boast a collection of some 400.

### New Watch Machine.

H. MUNSON, Galesburg, Ill., has just finished a new machine which is claimed to turn watch pivots dead true. It will turn hardened steel pivots dead true down to the one-thousandth of an inch in diameter, says a western exchange, and in watch repairing where a pivot is so tightly sprung that it cannot be detected with the eye, it will go over the sprung pivot and shave off the one-thousandth of an inch and leave it absolutely dead true.

Some idea of the accuracy of this machine can be formed when you realize that if these finest pivots were 260 of them bound together the bundle would still be smaller than the finest cambric needle.



# Freshen Up

A visit to New York will freshen your stocks and give you New Business Ideas. The great bazaars of New York are among the largest and most successful business enterprises in the world. A week spent in looking them over will give you many valuable hints that will help you to hold your home trade and increase your business.

By joining the Merchants' Association (cost absolutely nothing) the retail jeweler can obtain **round-trip fare for one and one-third ordinary single fare**, or, in other words, members of the Merchants' Association pay **33 $\frac{1}{3}$  per cent. less** than the regular fare.



MANHATTAN BEACH AND ORIENTAL HOTELS

## Dates and Territory for Reduced Fares.

### Aug. 23 to 27 inclusive.

Territory of Central Passenger Ass'n : POINTS WEST OF BUT NOT INCLUDING SUSPENSION BRIDGE, NIAGARA FALLS, BUFFALO, ERIE, PITTSBURG AND WHEELING, W. VA., NORTH OF THE OHIO AND EAST OF THE MISSISSIPPI, AND SOUTH OF A LINE FROM KEOKUK, IA., TO CHICAGO, INCLUDING THE CITIES OF LOUISVILLE, ST. LOUIS AND CHICAGO.

**Tickets good for 30 days from date of sale**  
and good only for reduced rate  
when bought on above dates.

### Aug. 23 to 27 inclusive. Sept. 1 to 5 "

Territory of Trunk Line Ass'n includes the following Points and Lines East thereof to New England Line: SUSPENSION BRIDGE, NIAGARA FALLS, BUFFALO, DUNKIRK, ERIE, PITTSBURG, BELLAIRE, O., WHEELING, PARKERSBURG, HUNTINGTON, W. VA., (N. Y. & HARLEM R. R. NOT INCLUDED). Reduction not given to points less than 100 miles from New York.

**Tickets good for 15 days from date of sale**  
and good only for reduced rate  
when bought on above dates.

### Aug. 23 to 27 inclusive.

Territory: POINTS ON LINES OF THE SOUTHERN PACIFIC CO. (ATLANTIC SYSTEM), HOUSTON & TEXAS CENTRAL R. R., CENTRAL TEXAS AND NORTH-WESTERN R. R., FORT WORTH AND NEW ORLEANS R. R., AND SAN ANTONIO AND ARANSAS PASS RY., IN THE STATE OF TEXAS.

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346 Broadway, cor. Leonard St., or any of the following:

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2 Maiden Lane.

**J. B. Bowden & Co.,**  
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**Mount & Woodhull,**  
26 Maiden Lane.

**Alfred H. Smith & Co.,**  
182 Broadway.

**John R. Wood & Sons,**  
2 Maiden Lane.

**M. J. Auerbeck,**  
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

**L. W. LEVY & CO.**  
AMERICAN DECORATED CHINA. 194 Broadway, New York, have just received a beautiful

line of hand-painted china goods. The pieces are of imported china, decorated by American artists, and for this reason can be handled at a larger profit than much of the artware decorated abroad. They come in all styles, shapes and designs, comprising vases, urns, steins, plates, plaques and jars. The colors are rich and artistic, and the themes vary from flowers and fruit clusters to heads, figures and landscapes. Special inducements are offered to buyers in the reduced prices of a line of import samples of china now being closed out.

**NOVELTIES FOR THE FALL.** AN attractive and popular priced line of goods, consisting of pewter

mounted on cut and plain glass, is exhibited by Ferd. Bing & Co.'s Successors, 10 Washington Place, New York. These goods are especially adapted to the jewelry trade and can be handled in connection with all kinds of art products. Many of the designs are original and artistic, and are sure to attract holiday buyers. In addition to this line, the firm has a complete assortment of ivory and white bone figures and cameo pieces, in the form of miniature chamber sets, street organs, pedestals, statuary, household furniture, etc. These pieces are remarkable for their fine workmanship and perfect detail, and have been greatly in demand for some time past.

**NOVELTIES IN CUT GLASS.**

**THE J. D. Bergen** Co., 38 Murray St., New York, is putting on the market a two-piece cut glass vase which is claimed to be the only article of its kind manufactured in the United States. The vase stands nearly two feet high and is composed of two beautifully cut pieces of glass of Corinthian shape. These pieces are of equal size and are joined together in the center by a cap groove. The pattern of the cutting is especially worthy of attention, being a combination of prism and star cuts, and is known as the Sunbeam, while the piece which it ornaments is rich and heavy. Besides this specialty the company has a new and popular-priced line of five-light candelabra wrought in silver and mounted on cut glass pedestals, while another feature of the

# The J. D. Bergen Co.

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No. 624— $\frac{1}{4}$  Pint Oil, "Waverly."

### The Pairpoint Corporation

AND

### Mt. Washington Glass Co.

NEW BEDFORD, MASS.,

### CONSOLIDATED.



NO. 3521. SHAVING SET.

**RICH CUT GLASS AND SILVER PLATE.**

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220 SUTTER ST., SAN FRANCISCO, CAL.

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## Artistic Leather Goods,

29 East 19th Street,

New York.





## FANS

After having spent several months in Paris and Vienna making personal selection of designs for this Fall's trade, I am now prepared to show a line of fans for the exclusive jewelry trade the beauty and exquisiteness of which has never been seen in this or any other country. The designs are too beautiful to describe. I invite inspection when in New York, or write for particulars.

**LOUIS STEINER,**

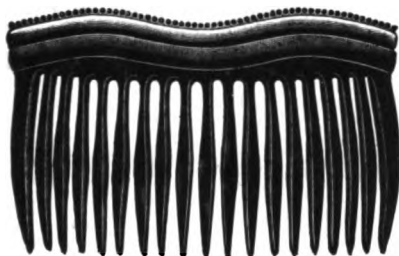
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PATENTEES AND SOLE MANUFACTURERS.

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**GARREAU & GRISER**  
66 & 70 Nassau St., New York.  
**LAPIDARIES.** PRECIOUS STONES.  
**GEMS in Unique Cuttings.**

concern's Fall line are the handsome comports which have a large center cutting. This center cutting of the comports had never before been accomplished, as the shape of the pieces prevented them being ornamented by the regular cutting processes. This company, however, after much experimenting, has solved the problem to the satisfaction of their customers and themselves.

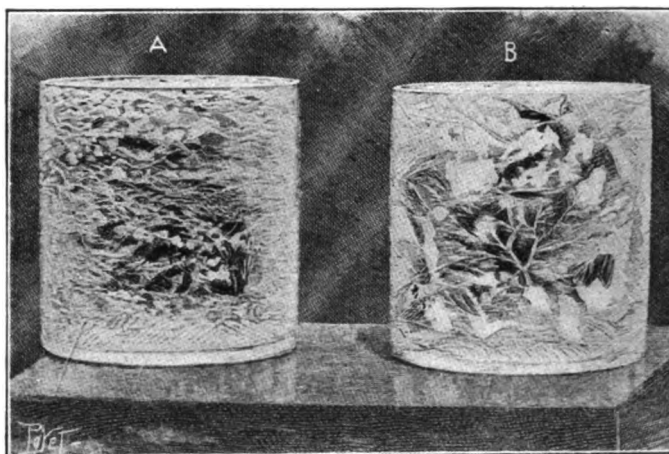
### Engraving on Glass by Means of Gelatine.

(From the French of W. L. CAILLETET in *La Nature*.)

**C**ERTAIN substances adhere to glass with such tenacity that on separating them quickly vitreous scales are removed.

The sodium silicate often used in uniting two pieces of glass has the same effect, but the separating of articles from the glass surface is particularly easy when gelatine is employed.

It is sufficient to cover a piece of glass or crystal with a layer of strong glue dissolved in water to observe that this layer, while contracting from the effect of desiccation, is detached from the glass, thereby removing numerous scales of varying thicknesses. The glass thus engraved presents a regular decorative design, resembling the frost flowers deposited on our windows. When salts readily crystallizable in gelatine and exercising no chemical action are dissolved in it the figures engraved on the



I noticed this fact a long time ago when studying a process of soldering glass to metals. It is the solder which I employ for fixing corks or other metallic attachments to the tubes designed for containing gases under high pressure. Indeed, for soldering a metallic piece to a glass tube it is sufficient to silver the latter so as to render it a conductor of electricity; then to deposit on the silvered part a galvanic ring of copper, to which any metal can be attached with tin solder. The galvanic copper thus deposited adheres so strongly to the glass that on tearing it away pieces of the glass are also removed.

glass present a crystalline appearance resembling fern leaves.

Sodium hyposulphite and potassium chlorate or nitrate produce nearly the same effects. A large number of mineral substances are attacked by gelatine. Annealed or unbreakable glass is readily engraved. The same is true of Iceland spar and polished marble. A sample of rock crystal, cut perpendicularly to the axis and covered with fish glue, whose action is particularly energetic, has been also attacked at various points and the portions removed present a conchoidal appearance.

(To be continued.)



138.



144.

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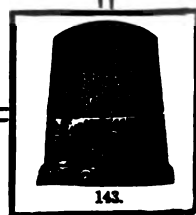
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149.



143.





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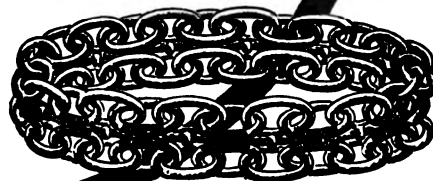
business your way—that's your constant endeavor, if you're progressive.

### "Marguerite" Bracelets

will bring you business, because they are in every way dependable goods. In addition to their quality they have their own proper and peculiar selling feature—a device whereby they adjust themselves to any wrist or arm. This device is extremely simple, involving no clasps, catches, snaps, or rivetted joints, but permits the Bracelet to retain its position without slipping—firmly, lightly and without pinching.

The "MARGUERITE" BRACELET is made in gold, silver, and gold filled, plain, chased or jeweled in three sizes. Your jobber will supply it. It is made only by the

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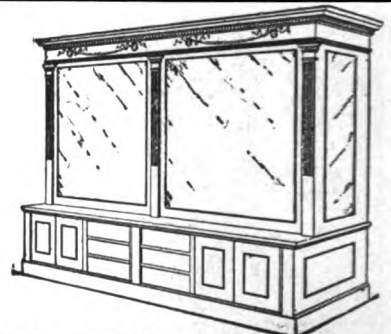
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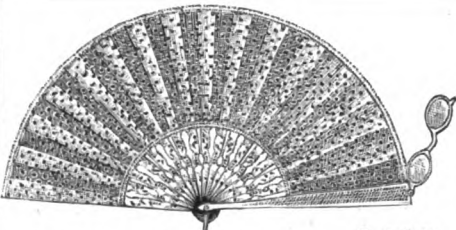
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Cor. John, NEW YORK.



THE JEWELERS' CIRCULAR

THE HOROLOGICAL REVIEW,

WITH WHICH ARE CONSOLIDATED THE JEWELERS' WEEKLY. THE JEWELERS REVIEW

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Corbin Building, 11 John St., Corner Broadway, New York.

Entered as second-class matter at the  
New York, N. Y., Post Office.

34TH YEAR. NEW YORK AND CHICAGO, WEDNESDAY, AUGUST 27, 1902. VOL. XLV. No. 4.

A UNIQUE AND REMARKABLE PIECE OF ROUGH OPAL.

**P**ROBABLY the most remarkable piece of rough opal that has ever been brought into the United States, and per-

is remarkable for its size alone, which is 1,150 karats. From a small piece which has been chipped off from one of the edges

to distinction is based. The opal in question is, in fact, an opalized fossil, the silica having operated as a petrifying sub-



FRONT.



BACK.



TOP.



BOTTOM.

FOUR VIEWS OF THE OPAL, EXACT SIZE.

haps the most wonderful stone of its kind in the world, was recently imported into this country. The opal, which is in the rough,

it appears to be a stone of remarkable beauty, rich color and fire. It is not, however, on these considerations that its claim

stance upon the bone of a prehistoric animal. A glance at the opal immediately suggests,

(Continued on page 11.)





# Paul and Virginia

OUR NEW PATTERN FOR THIS SEASON.

We make the full line of Toilet and Manicure articles and Sets.

Do not forget our Nightingale pattern, in both large and medium sized handles. Ask our salesmen to show them to you; also our lines of Chains, Locketts, Pins, Bracelets, Fobs, Cuff Buttons and Hair Chain Mountings.

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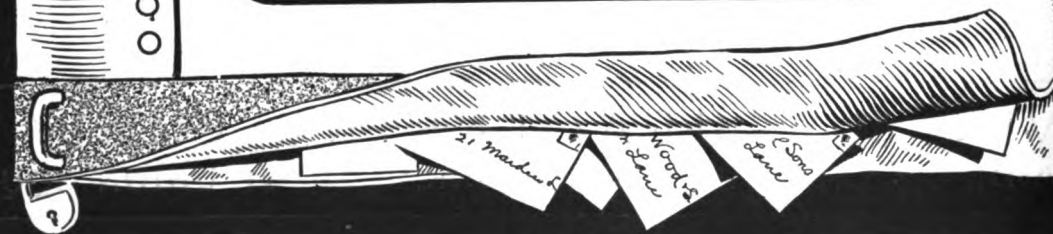
This means a saving of 15 to 20 per cent. on diamonds.

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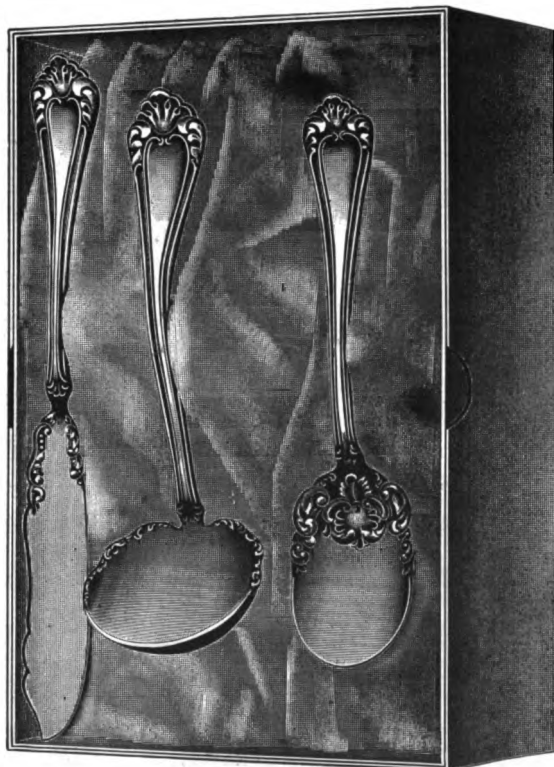
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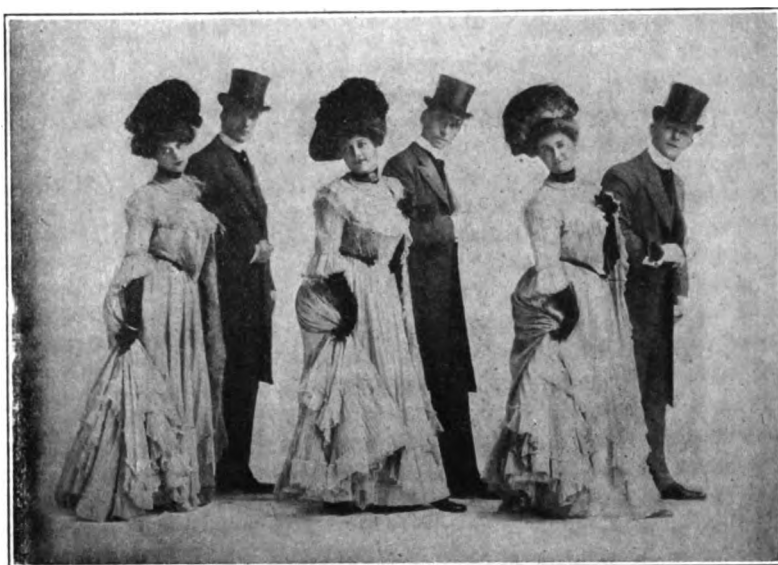
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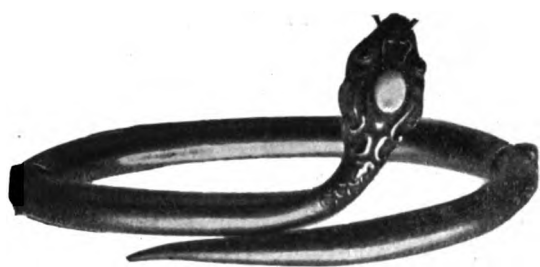
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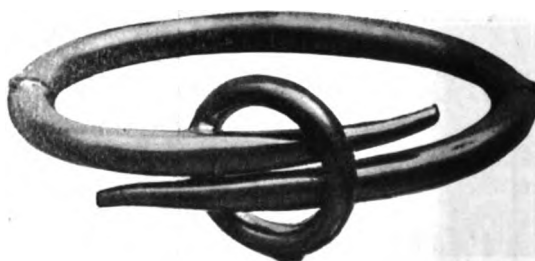
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FLORODORA GIRLS WEAR THEM.



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JULY 9,  
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Fifty Patterns in Sterling Silver only, finished in Polished or Satin Silver,  
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IN STOCK OF LEADING JOBBERS.

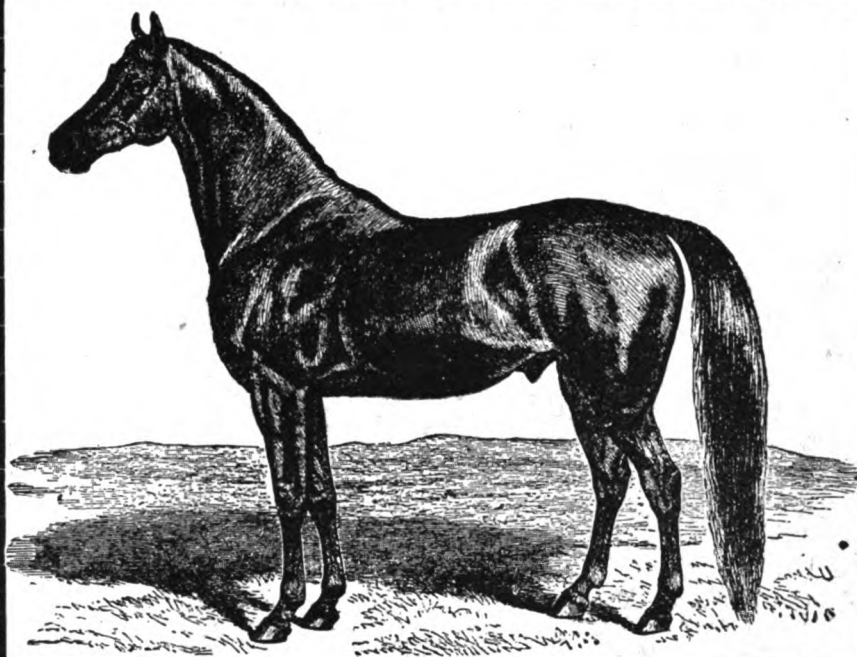
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**WHITING & DAVIS,**  
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NEW YORK OFFICE,  
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# A Well Bred Watch Case

IS LIKE A WELL BRED HORSE,  
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## Fahys Cases Are Well Bred.

NOT "AS GOOD AS" BUT  
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MONTAUK  
20-YEAR.

FAHYS  
14 F. K.  
25 YEARS.

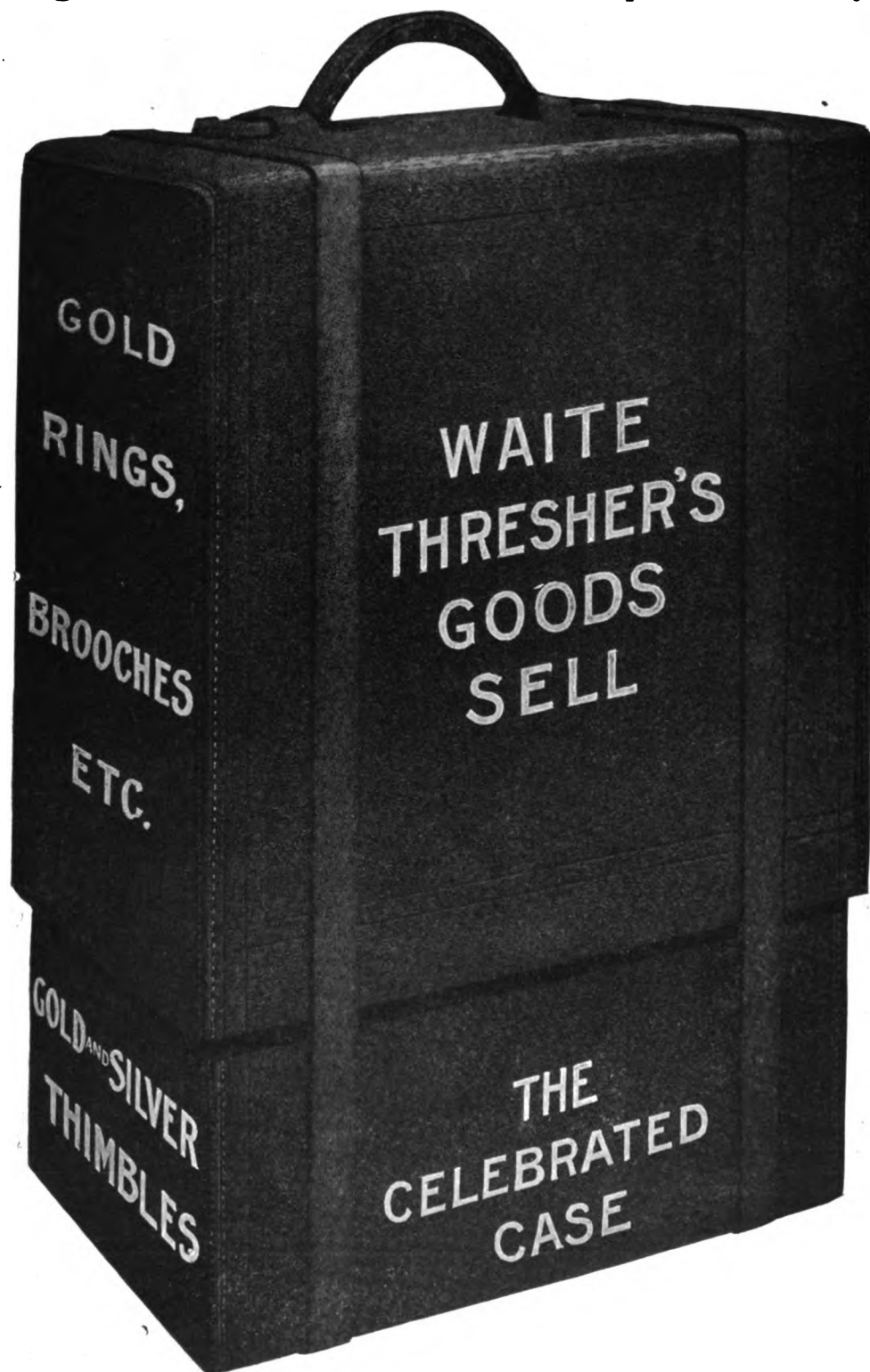
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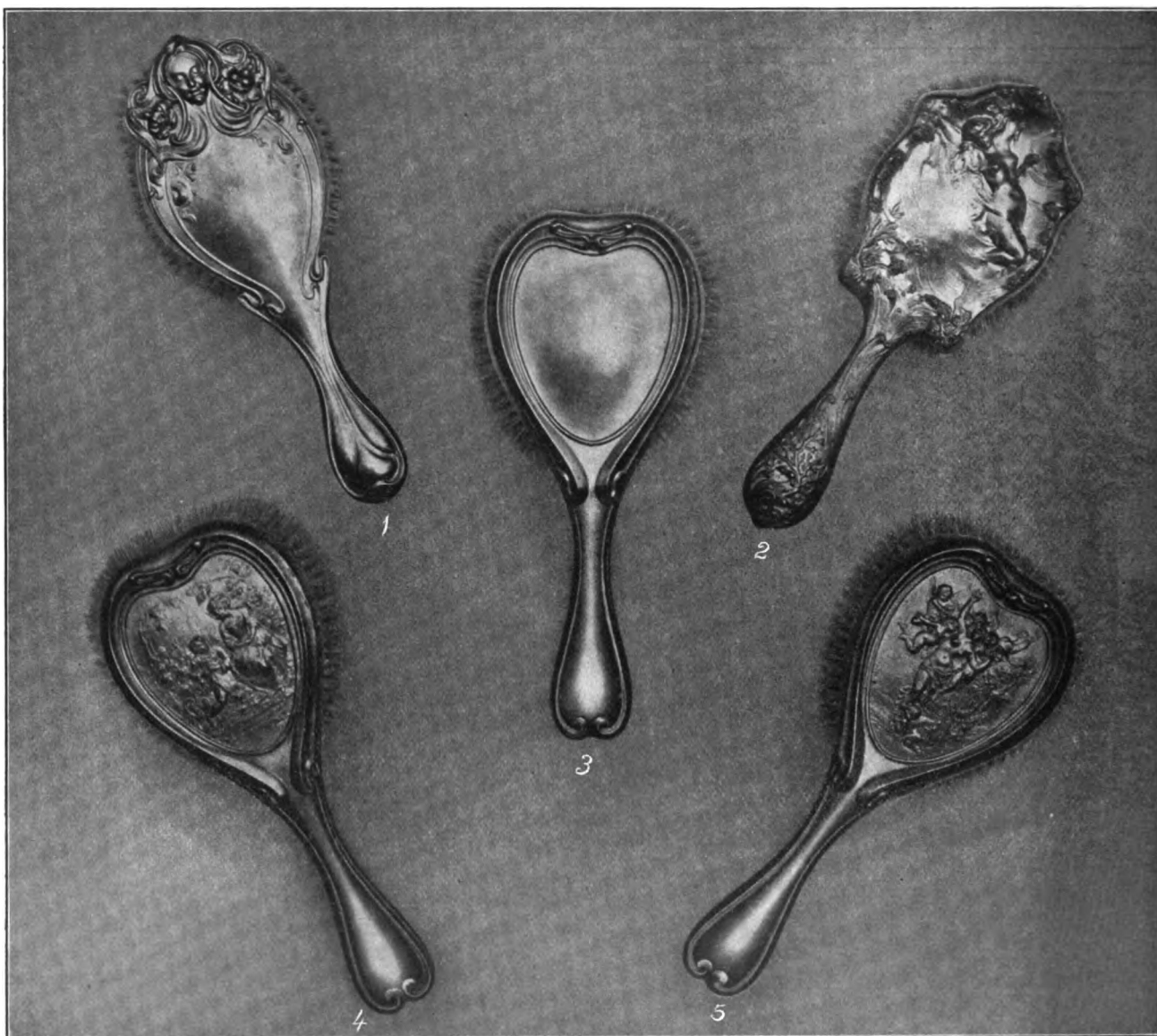
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No. 2.—"LA VISION."

No. 3.—L'ART NOUVEAU.

No. 4.—WATTEAU.

No. 5.—BOUGVEREAU.



A pretty booklet illustrating our WATTEAU and BOUGVEREAU Sets will be mailed for the asking.

<p>925 / 1000 FINE Hollow Ware</p>	<p>TRADE MARK  "Watch Our Ads."</p>	<p>999 / 1000 FINE Deposit Ware</p>
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Wholesale Show Rooms: 13 Maiden Lane, New York. 126 State St., Chicago.



### A Unique and Remarkable Piece of Rough Opal.

(Continued from page 1.)

even to the lay mind, that it is a petrified vertebra. On closer examination not only is the shape found to be that of a vertebra, but the facets for the heads of the ribs are found to be perfect. Examined under a strong magnifying glass it is possible in places to discover in the porosity of the stone even the cell tissue of the bone.

Dr. O. P. Hay, assistant curator to the Metropolitan Museum of Natural History, after a careful examination of the vertebra, pronounces it to be undoubtedly that of a marine animal of the family of Pleisiosaurs, and believes, from its shape, that it formed part of the Cimoliasaurus, an animal which attained a length of possibly 40 feet, and fossils of which are found in Australia, where the opal in question was found.

It is well known that opal was formed by the deterioration of the rock in which it is found, the silica of which, after first hav-

ing been dissolved by superheated water having gradually cooled in fissures of the rock, formed the opal. By what chance the vertebra depicted came in contact with this silica bearing water it is of course impossible to determine, but the size and beauty of the piece and its unmistakable character as a petrified vertebra, render it beyond question of remarkable value and interest. Whether its commercial value will bring it under the wheel of a lapidary, or its interest to science will result in its retention in its present shape has not yet been decided. It is to be hoped, however, that commercialism will for once yield to science and that this invaluable piece will find a resting place where it will be safe from the danger of being cut up into a number of precious stones to be valued merely as gems.

### Sapphires in North Carolina.

ONE of the most valuable of the recent contributions to the literature of the

sapphire is that of Dr. Joseph Hyde Pratt, mineralogist of North Carolina, published as Bulletin 180, Series 9, of the United States Geological Survey. He discusses two or three localities where it occurs in gneisses and schists. In Cowee Township, Macon county, it is found in seams or layers in a hornblende (amphibole) gneiss, which is itself derived from the alteration of an igneous rock (gabbro). The other occurrence is even more interesting, as it shows the presence of corundum in gneisses and quartz schists derived from the sedimentary beds. These rocks extend along the crest of the Blue Ridge from Rabun county, Ga., to Clay county, N. C., and carry bands or zones of corundiferous schist conforming to and belonging with the rest.

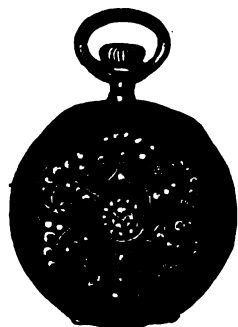
All these schists Dr. Pratt regards as ancient sandstones and shales, greatly elevated, eroded and metamorphosed; in the course of which changes the aluminous shales yielded first bauxite and then the excess of alumina crystallized as corundum. —*Engineering and Mining Journal.*

# Charity

is supposed to begin at home, but often begins nowhere, and that is just where it should begin and end in business. You don't want Charity; you don't expect Charity; and you don't get Charity. Charity is said to cover a multitude of sins. It certainly covers a multitude of business errors. If you buy less attractive goods than your competitor, but still keep on buying at the same old place because you like the salesmen, that is Charity on your part. If you are often disappointed because your orders are not promptly filled, and receive a very poor assortment in your memorandum packages, and you still continue to send your orders to the same slow old place, simply because you have been doing so for a long time, that is Charity, but you are not getting it. Any house that solicits your business for any but purely business reasons is asking Charity from you. We are not looking for Charity, and we do not believe you are.

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Our stock is always the best; our service is prompt; and our watchword is, and always has been,—the best goods at the right prices in the quickest time.

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Ring Making is our Original Business.

## Taught by Time.

Forty years of ring-making has taught us how to make rings, not only right in pattern and construction, but rings that sell.  No line in our big stock can this be more truthfully said of than our line of SIGNET RINGS—in fact some patterns of SIGNETS have sold so rapidly that no matter how large quantities we received from our factory it has often been impossible to keep our travelers supplied. 



Past sales have proven how excellent is our stock of Signet Rings for women, and to it we are continually adding new and original patterns. . . .

A Signet Ring stamped thus  has a hall mark of excellence as to quality, design and price, and is NOT cast but made by an improved process from hand wrought steel dies. . .

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NEW YORK.

Ring Making is our Original Business.

## Horological and Optical Patents.

### Statistics of Inventions in a Special Census Report.

WASHINGTON, D. C.—One of the special departments of investigation carried on by the Twelfth Census is that covering the patent industry of the United States, its growth and development as regards the manufacturing interests of this country; this is the first time in the history of this country in which any investigation or report has been made other than those of the various reports made by the Commissioners of Patents.

The relations existing between manufacturing and invention are of so intimate a nature that a study of the data in connection with these various industries is a valuable aid to the study of the industries themselves. The statistics cover the years from 1790 to 1900; the history of the patent system in general has been briefly touched upon, starting with the statute against monopolies under James I., down through the colonial period and the adoption of the Constitutional provision to secure to inventors their discoveries. The work has been carried on under the direction of Story B. Ladd.

The patent system of England had its origin in royal grants, to favored subjects, of monopolies in trade or manufacture. In 1603 James I., upon his accession, rescinded all such exclusive privileges restricting domestic commerce, the foreign commerce still remaining under the control of the great merchant companies. Finally, in 1623, the statute against monopolies was enacted, which, sweeping away all monopolies, granted:

"The sole working or making of any new manufactures within this realm, to the true and first inventor and inventors of such manufactures, which others at the time of making such letters patent and grants shall not use, so as also they be not contrary to the law nor mischievous to the State, by raising prices of commodities at home or hurt of trade or generally inconvenient."

The English people were very slow to take advantage of this law, only 540 patents having been granted in 85 years.

Prior to the adoption of the Federal Constitution patent rights in this country rested upon the statute of James I. A few patents for inventions were granted by the provincial governments of the American colonies, and by the legislatures of the States, prior to the adoption of the Federal Constitution, though it should be remembered that during the Colonial period invention was stifled by the fixed purpose of Great Britain to prevent and suppress manufactures in the Colonies and to foster and encourage manufactures at home.

The first grant in the Colonies was one granted in 1641 to Samuel Winslow, of Massachusetts; the first grant to an inventor in America, however, was most likely that of 1646 to Joseph Jenks, of New Hampshire. In 1766 a patent was granted to Abell Buell, of Connecticut, for a method of grinding crystals and stones and polishing same, and on account of his invention Buell was restored to all liberties and privileges from which he had previously been restrained on account of his having been convicted of forgery. This was followed by a grant of a patent for 14 years to Ben-



jamin Hanks, also of Connecticut, for a self-winding clock.

The first patent granted by the General Government was to Samuel Hopkins, July 31, 1790, for an improvement in pot and pearl ash manufacture. The last patent granted for the year 1889, at the close of the first hundred years of patent issue, was to Wilhelm Dreyer, No. 418,664, of Dec. 31, 1899, for an electro-magnetic typesetting machine. These two patents are suggestively symbolical of the progress of the century in invention and manufactures—the first akin to the primitive industries of a new country and the last serving the exacting demands of a highly organized industrial system. The total number of patents issued during this century of invention was 428,621.

Prior to 1840 the number of patents granted in the United States was 11,421, of which 49 were to citizens of foreign countries. During the 10 years from 1840 to 1850 the total number granted was 5,773, of which 162 were to foreigners and 257 were for designs. From 1850 to 1860 issues were for 19,661 patents and 925 designs, a total of 20,586, of which 310 were to foreigners. From 1860 to 1870 the number of patents was 71,818, of designs 2,627, a total of 74,445, and of this number 1,932 were to foreigners. From 1870 to 1880 the number of patents was 124,751, of designs 7,757, a total of 132,508, the number issued to foreigners being 5,958. From 1880 to 1890 the number issued of patents was 195,454, of designs 7,986, a total of 203,440, and of that number 13,502 were issued to foreigners. For the last decade, from 1890 to 1900, 221,502 patents and 12,502 designs were issued, a total of 234,004, out of which 23,083 were to foreigners, or 9.26 per cent. of the total, the highest percentage for any detail.

The cost of glass articles was remarkably cheapened by the method of simultaneously blowing and pressing the metal in a mold to produce the finished article, first patented to Atterbury, 139,993, June 17, 1873. Glass of varying depths of colors in the same mixture is produced by cooling and reheating the portion in which the color is desired, covered by a patent issued to Locke, 282,002, July 24, 1883.

Under the heading of horology 3,196 patents have been granted. The rapid growth of the watch industry followed the manufacture of watches of fair accuracy and low price, and this in turn followed from the use of modern machinery in their making. Patent 204,000, May 21, 1878, Buck, is an early illustration of the present cheap commercial watch. The stem-winding watch in a crude form was patented in England about the middle of the last century. Patent 280,719, July 3, 1883, to one Church, is a type of the present form.

(To be continued.)

There has been much favorable comment in Buffalo, N. Y., over the establishment recently of the new industry there—cut glass manufacturing. As published in THE JEWELERS' CIRCULAR—WEEKLY a few weeks ago King & Eisele recently started a cut glass factory and Valley Bros. have since begun to manufacture cut glass at 61 Terrace, at the corner of Franklin St. They have started in with six frames, while King & Eisele have put in five frames for the manufacture of this ware.

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**DIAMONDS**  
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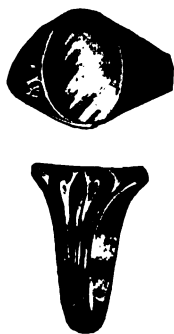
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No. 304. Antique Roman Design.



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NOT FOR PASSING FANCY.

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New Shape  
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## George F. Kunz's Report.

Production of Precious Stones in 1901, to  
be Published by the United States  
Geological Survey.

[The publication of this Report was com-  
menced in THE JEWELERS' CIRCULAR—WEEK-  
LY of Aug. 13, and will be continued in this  
and succeeding issues until completed.]

## AMETHYST.

## BRAZIL.

Brazil, one of the richest countries of the world in minerals, has for more than half a century been in constant communication with Germany in the matter of precious and semi-precious stones, as a leading source of supply to the celebrated polishing works at and near Oberstein, in the valleys of the Nahne and Idar. The last-named stream, a tributary of the former, has its source in the neighborhood of Erbeskapples, the highest point of the Rhine province, in the elevated forest region of the Hunsrucks. In its descent to the Nahne, near Oberstein, it presents a succession of falls through a distance of about 24 miles, and supplies water power for more than sixty polishing works. The valley has a large population, the principal towns being Oberstein, which is a station on the Nahe-Rhine railway, and Idar, half an hour distant by train, on the river of the same name. These two towns receive precious and semi-precious stones for polishing from all parts of the world and export their products in like manner everywhere, manufacturing many special styles of work adapted to the tastes and demands of numerous races and tribes, both civilized and uncivilized. Oberstein, formerly entirely an agate-cutting district, is occupied especially with the watch-chain industry, while the more general work in precious and semi-precious stones is in the hands of the Idar merchants.

As the polishing industry has developed the usual change has taken place from the water power which originated the industry to the use of steam, and lately to the use of electric motors. Not only is a great increase of power thus obtained, but the danger of lack of water in Summer and the interruption by freezing in Winter, both of which have been serious embarrassments, are alike obviated.

All kinds of precious and semi-precious stones can be, and are, polished at these numerous works, among the former being diamonds, rubies, emeralds, sapphires, etc., and, among the latter, agates, amethysts, opals, topazes, and the quartz gems in general. The polished products find ready sale all over the world. At times when one or another variety is out of fashion, and hence not in demand for jewelry, or for decorative work, the stones are put aside and kept in reserve until the public taste or fancy changes and brings them again into favor.

Brazil has long furnished many varieties of the quartz gems, and of late has yielded especially the remarkable "almond agates" in great quantity, as well as the purple amethysts, which have held their place steadily in public esteem, despite the competing attractions of other gems. This enduring favor is largely due to the fact that there is in reality no other precious stone with the beautiful violet color of the amethyst.

German agents and explorers are constantly engaged in the search for new localities and varieties of gem stones in Brazil, and indeed in many parts of the globe, to supply material for the Idar and the Oberstein works. In the course of such exploitations there was found, a few years ago, an immense hollow "almond," or amygdaloid geode, of amethyst; or, in other words, a single amygdale in an amygdaloid rock, far surpassing in size and elegance anything of the kind previously known.

This wonderful geode or "druse" measured about 10 meters (33 feet) in length, 5 (16.5 feet) in width, and 3 (10 feet) in height, and the geode was estimated to weigh some 70,000 pounds (32 tons). It was lined with quartz, colorless at first, near the outside, but passing gradually toward the interior into a lining of richly colored amethyst crystals, many of them as large as a man's fist, and with brilliant, lustrous faces, as though polished by a lapidary.

It is unfortunate for science that a specimen so unique in its magnificence should not have been preserved. But since the first discovery many parts have been broken away, and many lots bought by various gem prospectors for special



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**RINGS**

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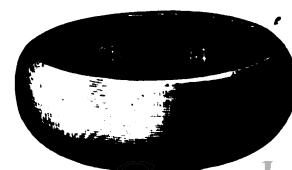
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EXCLUSIVE DESIGNS

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# Diamond Mounting.

We are prepared to execute special order work  
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PLATINUM FRONT WORK.

## L. T. GRANT & CO.,

Represented by  
PHIL. O. STUTZMAN.

17 Maiden Lane, New York.

Keep your eyes open and be wide awake if you want to get a hold of a good thing this fall. Our salesmen will call on you in a few days with a full line of Solid Gold Rings that cannot be excelled in finish or in appearance. One look at our line will convince you that there is one firm, who have their trade mark "DF" in every ring, whom you will patronize in the future. All goods guaranteed to be as represented.

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Makers of **GOLD RINGS,**

45 JOHN STREET,

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## HEINTZ BROS.,

### RINGS

BUFFALO,  
N. Y.



### RINGS

BUFFALO,  
N. Y.

We make the largest line of Solid Gold Set Rings in America for the Retail Trade.

uses, until there was no possibility of saving it as a whole. It has been partly put together as the "Amethyst Grotto," shown in the Düsseldorf Exhibition of 1902 (class 11).

The mode of occurrence of this great amygdale or geode may be briefly described as follows: The Sena do Mar, the mountain range parallel to the Brazilian coast, on passing into the state of Rio Grande do Sul, turns toward the west and declines in height, but its southern slope is somewhat rugged. Here are situated a number of German settlements, as Santa Cruz, Germania, St. Angelo, Silvina, Martens, New Berlin, Teutonia, New Petropolis, St. Leopold, etc., with a German-speaking population of perhaps 200,000. In Santa Cruz are many immigrants from Idar and its vicinity, who are of course familiar with the nature and occurrence of precious and semi-precious stones. The Sena is largely composed of granitic and igneous rocks, frequently covered by a mantle of red clay, resulting from the decomposition of the rocks by weathering. At an elevation of from 500 to 1,000 feet (150 to 300 meters) above the sea, a red rock is largely present which often passes into melaphyr and amygdaloid, in which agates frequently occur.

The principal district in which the agate amygdules are obtained is along the upper waters of the Garuky and its left hand tributaries, north of Santa Cruz. They are generally found in the red soil above referred to as produced by the weathering of the igneous rocks. In the case of the great geode, this was true of its upper portion, while the lower part remained embedded in the underlying melaphyr. It was hence very difficult of extraction, especially as blasting could not be employed for fear of injuring or dislodging the elegant crystals. The upper part of the geode had been broken open, and the interior was filled with the red soil, in which, as in a unique flower-pot, had grown a palm 4 meters (13.5 feet) in length. The spot where it was found was north of Santa Cruz, and only 20 miles distant in an air line, but the paths down the mountain side are suitable only for transportation on mule back. Hence the large and heavy pieces into which the great geode, or what remained of it, was finally broken, had to be carried by a much longer and very roundabout way to reach a point of shipment. The pieces were ten in number and weighed 1,500 kms. They were carried on two-wheeled carts, each drawn by eight oxen, across several mountain streams to Villa Birra; then, by the Hanara railway to Santa Maria; then, on the Uruguay railway for 262 kms. to Targun-Taquary; thence by river steamer to Porto Alegre, and by raft to Rio Grande, where they were shipped at last to Europe. The finest parts of this grotto have been presented to the Morgan collection in the American Museum of Natural History, and to the Jardin des Plantes, Musée Historie Naturelle, Paris.

(To be continued.)

Jos. Lowinsohn, Birmingham, Ala., is now buying goods for the new store which he will open on Second Ave. in October. He will add several lines not now carried.

## The Bryant Rings.

Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



1540

Our Line of

## Signet Rings

is complete and  
merits attention.



1542

M. B. BRYANT & CO., 7 MAIDEN LANE, NEW YORK.



## Our Factories

have produced for the Fall season a variety of high-grade China and Pottery which have never been surpassed. These include **Rudolstadt** wares, **Limoges Porcelain** and **Carlsbad China, Bric-a-Brac, Pottery, Art Glass, etc.**

## Our Importations

comprise **Marble Statuary, Bronzes, Fine Clocks, Pottery, Glassware, Kayserzinn** and other German art tin, especially selected for the jewelry trade.

## Our Cut Glass

includes many new and original patterns, and maintains the **High Standard** which ensured its selection by the **Czar of Russia** and other exalted personages as representative of the highest development of the art of glass cutting. But a still higher distinction has been bestowed upon our Cut Glass by its being chosen as the **Favorite** by the **American People**.



No. 579/160, Richmond.  
Wine Jug.



No. 277/166, Coronation.  
Bowl.

As a **Profit Producer for the Retailer**, **Straus American Cut Glass** has long maintained a reputation, not because of its "cheapness," but because the **prices** have always been kept as **reasonable** as the maintenance of a high standard of quality rendered possible.



**L. Straus & Sons,** Manufacturers and Importers,

42, 44 and 46 Warren St. and 116 Chambers St.,

**NEW YORK.**

Factory, 59th Street and North River,  
NEW YORK.



One of the great Western Jobbers wrote us the other day: "Your advertisements are so catchy, that you caught us as a new customer."—Why not?

# CHAINS **R & D** CHAINS

1/10--14kt. and Ideals are wonders of beauty and will attract customers for you as soon as they are seen.

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## "THE BRACELET HOUSE." GOLD BRACELETS.

KENT & WOODLAND,  
*Successors to Wm. H. Ball & Co.*

16 John Street, New York.

EVERYTHING IN  
**GOLD**  
Bracelets

### PEARLS BOUGHT FOR CASH.

If a customer should bring you any Diamond or Pearl Jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
NO. 3 MAIDEN LANE, NEW YORK,  
where you can have an immediate Cash Offer.  
Established 1880.

### ESTABLISHED 1859. HERMAN KOHLBUSCH Sr.



Manufacturer of  
*Fine Balances and*  
*Weights*

for every purpose where  
accuracy is required.  
Office and Salesroom,  
194 BROADWAY,



SEND FOR PRICE-LIST. Tel. 870 Cortlandt. NEW YORK.

### The Duty on Enameled Paintings and the Drawback on Watchmen's Clocks.

The Board of Classification of the United States General Appraisers handed down a decision recently overruling the protest of Tiffany & Co., and sustaining the decision of the Collector, on merchandise consisting in part of certain paintings enameled on metal. These goods were classified as manufactures of metal by the Collector, and dutiable at the rate of 45 per cent. ad valorem, under paragraph 193 of the Act of 1891.

The protestants claimed that they were dutiable at the rate of 20 per cent. ad valorem, under paragraph 454, as paintings in oil or water-colors. The testimony showed that the paintings were produced on a metal base by the use of pigments containing flux, and are different from those used in ordinary oil paintings, but are used for the production of enameled paintings.

The Board found that the process of firing required a high degree of heat to complete the enameling; and, following the decision of the United States Circuit Court in the case of *Bour vs. the United States*, found that the articles in question were not paintings in oil or water-colors.

According to the Board, they would have been more properly classified under paragraph 159 as "wares or articles of iron, steel or other metal enameled or glazed with vitreous gases." But as that claim was not made in the protest, the Board saw no reason for considering it.

Assistant Secretary Taylor, of the Treasury Department, has notified Collector of Customs at New York that the instructions establishing a rate for allowance of drawback on watchmen's clocks are extended to cover the same kind of articles manufactured by E. Imhauser & Co., of New York, the clocks as imported having been subjected to a final finishing process and having been supplied with the appliances required in order to complete their practical operation.

New silver gilt *jardinieres* for the tasteful Summer table are extremely effective. A decorative band of a foliage scroll pattern in green and white enamel enhances the beauty of one class. The coolness and grace of the whole when filled with fresh green ferns quite fascinates one. On the same order are tall vases on whose golden surface white daisies with green stems and foliage show most admirably. Other gilt vases are enriched with a small amount of enameling in the peculiar blues, greens, reds, etc., of the Russian style.

# The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

## J. B. BOWDEN & CO.,

1 Maiden Lane.

NEW YORK.



## Diamonds and Carbon in Bahia.

WASHINGTON, D. C., Aug. 20.—The following is the full text of the elaborate report recently made to the State Department by H. W. Furniss, United States Consul at Bahia, Brazil, upon the diamond and carbon production of that country:

Diamonds are said to have been first found in the State of Bahia in 1821, in the range of mountains known as Serra do Sincorá; but not until 1844—when José Pereira do Prado, who was traveling from that region to Bahia City and camped for the night on the bank of the Mocuge, a small tributary to the Paraguaçu River, and there by accident found a quantity of diamonds—was any impetus given to mining for the precious stones.

As soon as it became known that diamonds in quantity had been found, great numbers of people set out for that region and at the site of the discovery, S. Joao do Paraguaçu, otherwise known as Santa Isabel, was founded and has continued to be one of the chief diamond centers.

The State divides the diamond region into 14 districts, namely, Lençoes, Andarahy, Chique Chique, Santa Isabel, Cravada, Lavrinha, Campestre, Morro do Chapeo, Bom Jesus, S. Ignacio, Chapada Velha, Paraguaçu, Sincorá, and Cannavieiras, the region taking its name from the town which forms its center. A better division would be into two sections, in accordance with the geological formation and position—one in the center of the State and tributary to the Paraguaçu River and the other in the southern portion of the State along the Pardo River.

By far the most productive section is that first mentioned under my classification. It has been almost constantly worked from the date of its discovery, in 1844, and it continues to be productive, though the number extracted has of late been decreasing, because of the lack of proper tools and machinery.

Prior to the discovery of the South African mines, this section was the greatest producer of diamonds, and prices were high; but the output in Africa tended to decrease interest in the Bahia mines.

### PARAGUAÇU DISTRICT.

The most productive portion of the Paraguaçu River section is about four days' journey from Bahia City. It is reached by taking a small steamboat which crosses the bay and goes up the Paraguaçu River to Cachoeira (a distance of about 45 miles and consuming from six to eight hours), and taking the train from there to Banderia de Mello, 264 kilometers (167.7 miles), involving from 10 to 12 hours' travel. From Banderia de Mello, it is necessary to take mules and travel about 64 miles to Andarahy.

Diamonds are first encountered in the bed of the Paraguaçu River, 182 kilometers (103 miles) from Cachoeira, at a place called Joao Amaro. They are found from there up to the source of the river, but from Joao Amaro to Andarahy in very small quantities, doubtless due to the difficulty in mining them, as they seem to occur only in the river bed.

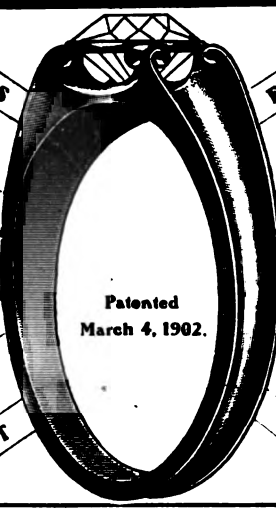
The Paraguaçu district is about 172 miles long, and varies in breadth from three or four miles to about 16 miles at its widest part. It includes the mountain ranges known as Serra do Sincorá, from the village of Sincora northward, and the head waters of the Paraguaçu and Una rivers, Serra das Lavras Diamantinas, Serra dos Remedios, Chapada Velha, and Serra do Espinhaço as far as the region about the village of Morro do Chapeo.

The most productive area seems to be in the foothills to the east of Serra das Lavras Diamantinas, particularly along the many small streams tributary to the Paraguaçu River, with the towns of Santa Isabel, Chique Chique, Andarahy, and Lençoes as centers.

### GEOLOGICAL FORMATION.

The geological formation of the region is very interesting, and shows that at some time in the history of the world the mountains were thrown up a hot mass of stone, and the diamonds there found are the carbon, which, by great heat and pressure, crystallized. A considerable portion, for lack of proper conditions, failed to crystallize and is now encountered in hard, blackish masses of irregular shape, known in trade as carbon.

The original rock of the mountains is granite. In many places which I saw this occurs stratified, with a horizontal trend, or at most with a very



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MOST BRILLIANT  
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**SCHRADER-WITTSTEIN CO., Mfg. Jewelers,**  
**NEW YORK, SOLE MAKERS AND PATENTEES, CHICAGO,**  
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We always endeavor to make Rings that are better than any other make in the market at the same price. That we are generally successful is evidenced in the growth of the Kaufman business which compelled us recently to move our factory where larger quarters were obtainable.

The fall line now ready and being shown by our travelers has taken on the mantle of expansion and progress. The influences surrounding its manufacture are impressed in the product—it's a prosperous looking line, to describe it conservatively.

Every jeweler who handles fine gold rings should at least look at it—just to know what's "doing." Can't learn too much these days, you know. Selection packages promptly sent, anywhere.

Ever write in for our Special Ring Proposition? If not, what's the matter with deciding to do it to-day? Clip the coupon.

## Louis Kaufman & Co

### RING MAKERS

New Factory & Offices    Columbia and Green Sts

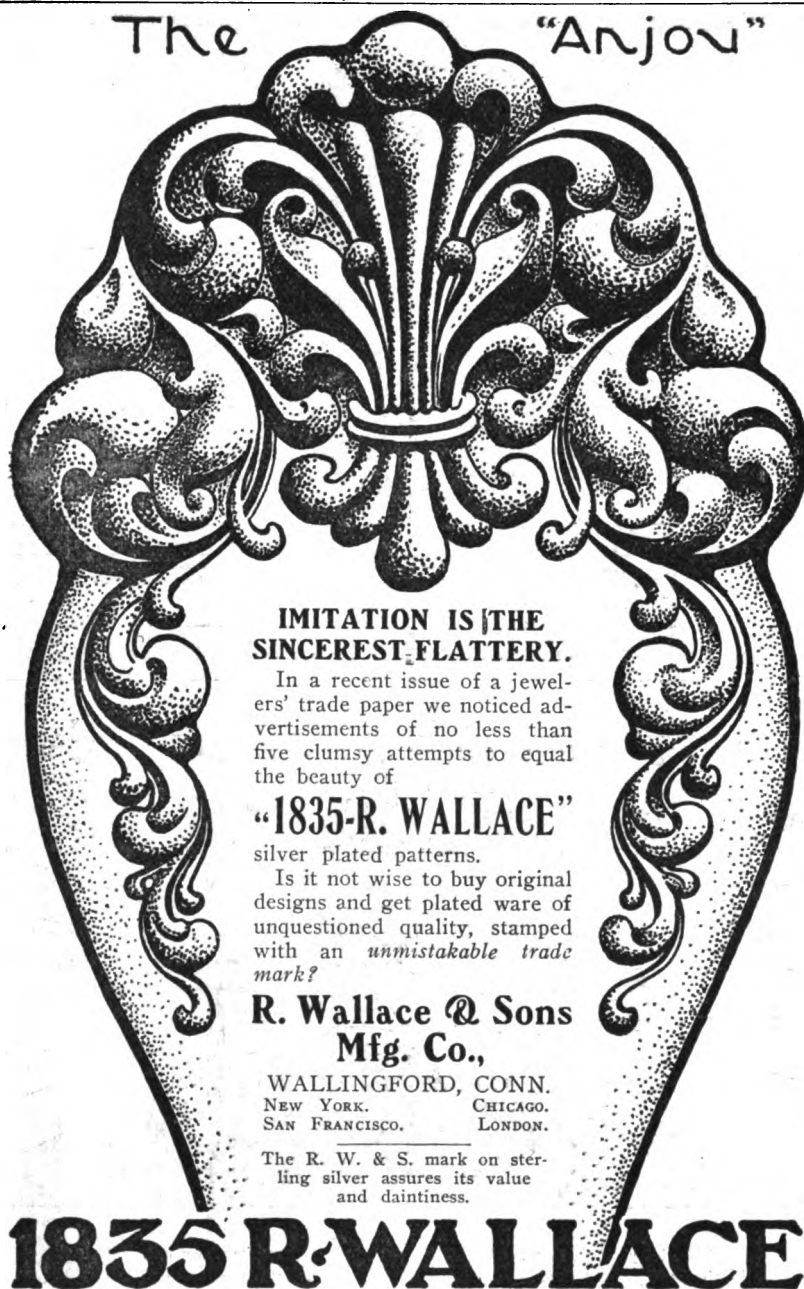
## NEWARK, N.J.

J. C.  
August  
Send us  
AT ONCE  
your special  
RING PROPOSITION.  
We want to know about it.

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The "Anjou"



**IMITATION IS THE SINCEREST FLATTERY.**

In a recent issue of a jewelers' trade paper we noticed advertisements of no less than five clumsy attempts to equal the beauty of

**"1835-R. WALLACE"**

silver plated patterns.

Is it not wise to buy original designs and get plated ware of unquestioned quality, stamped with an *unmistakable trade mark*?

**R. Wallace & Sons**  
**Mfg. Co.,**

WALLINGFORD, CONN.  
NEW YORK. CHICAGO.  
SAN FRANCISCO. LONDON.

The R. W. & S. mark on sterling silver assures its value and daintiness.

**1835 R. WALLACE**

*See the two centre pages in this issue  
of the Jewelers' Circular-Weekly.*

## STERLING NOVELTIES.

Golf Novelties.

Ping-Pong Novelties.

Miniature Cups and Prizes for Tennis, Yachting, Canoeing,  
and all Summer and year-round Sports.

The largest line—

Always up-to-date—

Prices right.

MERRILL BROS. CO., 31 E. 17th St., New York.

slight dip, but it is frequently broken by gullies and deep, narrow crevasses, the latter reminding one of earthquake phenomena. Mixed with the granite is a sandstone of different degrees of hardness and a conglomerate composed of round water-washed pebbles with a very hard matrix. In some instances, the matrix is of a sandy character, but more frequently it resembles a dark-colored cement. The sandstone occurring beneath the surface is frequently soft, about the consistency of almost dry mud, and is capable of being easily crushed or even washed into sand by a strong current of water. Both the sandstone and the conglomerate are of recent formation as compared with the granite, and contain diamonds and carbons, showing that they were also of a more recent formation than the precious stones, which in fact are not found *in situ*, but are in their present position as the result of fluvial action.

Sandstone and conglomerate frequently fill the gullies, crevasses, and interstices beneath the layers of granite, but sometimes form strata in basins made by the granite and in other places appear with the granite as heterogeneous heaps of stone of different sizes, as if they had been collected and dumped into their present position, or as solitary eroded stones upon a layer of soil overlapping a stone base. The heaps of stone show that there has been an upheaval subsequent to the formation of the conglomerate and the sandstone, making a second or third geological upheaval of the district.

In all cases, the granite, sandstone, and conglomerate show the disintegrating action of weather, which in fact accounts for the peculiar way in which the diamonds and carbons are encountered, and for the fact that large diamonds and carbons are frequently found in heaps of stone which were worked years ago and have since further disintegrated.

In this section, as has been said, the diamonds and carbons occur together in sandstone and conglomerate, but they cannot be removed, except from the soft sandstone, because of the impracticability of breaking the rocks without crushing the precious stones, to say nothing of the expense which such a method would entail. Instead, the miners take advantage of the disintegrating effect of water and weather, and they work by removing the debris from the gullies between the rocks and the cavities under and around them, and this they wash for diamonds and carbons.

The geological formation is such that often a gully or crevasse full of debris, which ages ago either disintegrated or was washed from a higher level, is so located as to be easily accessible; but again water or a hard ledge of stone will often be encountered, effectively shutting off deeper exploration, except at great labor and expense. For these reasons the most productive places have frequently to be abandoned, since it is usually the deeper portions of gullies that contain the greater quantities of the desired stones, which, with the action of running water, seem to have gravitated to lower levels than the ordinary stones accompanying them.

The fall of the natural rivers and rivulets, and those streams temporarily created by rainfall, is so great that even quite large stones, to say nothing of the diamonds and carbons associated therewith, are washed to the river beds below and finally lodge under some projecting ledge, which prevents further movement. This action has been going on for ages, and is the reason why no diamonds and carbons are found in their original beds of formation, and also accounts for the fact that they were in a position to be included into the later-day rock formation, i. e., the sandstone and conglomerate. For the same reason, the river beds are rich in precious stones, which cannot be extracted advantageously, if at all, by the methods at present in vogue in the district.

In mining, the great desideratum is an abundant supply of water for washing the diamond and carbon bearing material, which consists of soil, sand, broken or disintegrated stone, etc., called "cascalho." In some sections, the water is obtained from the rivers before they descend the hillside and is conducted to the desired place through ditches and sluices, but in others the miners have to accumulate cascalho and wait for the rainy season and the streams created thereby to wash the result of their labor, while in still other sections there is no mining at all until the rainy season sets in, and those who have been working in the lower places and along the river are driven to the hillside, which is then a fertile region.

(To be continued)

The brother of P. H. Linschman, Birmingham, Ala., died recently.



THE  
**Winchester**

FOR  
FALL  
OF  
1902.



STERLING SILVER,  
 $\frac{925}{1000}$  FINE.



Spoons, Forks and  
Fancy Pieces, comprising  
a complete line.

Ready for Delivery  
September 1st.

Order a few pieces and carefully examine this simple but beautiful design.

MADE ONLY BY

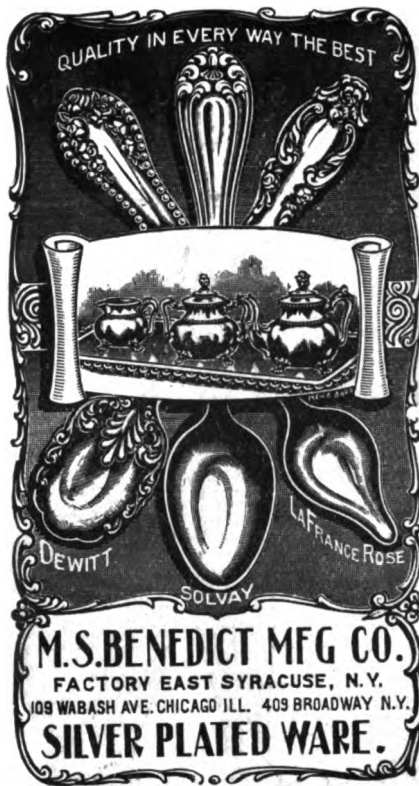
SIMPSON, HALL, MILLER & CO. (International Silver Co., Successor.), Wallingford, Conn.

NEW YORK, 9-11-13-15 Maiden Lane.

TORONTO, CANADA.

CHICAGO, 195 State Street.





### "Practical Course in Adjusting."

Just Issued. Price \$2.50.  
All Jobbers or Jewelers' Circular Publishing Co.

### Thief Steals a Tray of Diamond Rings from A. A. Webster & Co.'s Store.

One of the most daring and deftly accomplished robberies of its kind committed in Brooklyn in a long time took place Tuesday afternoon, Aug. 19, in the jewelry store of A. A. Webster & Co., 440 Fulton St., which is in the very center of the shopping district. The thief made good his escape, taking with him 42 solitaire diamond rings, valued at about \$3,600.

So deftly and quietly was the work done that the theft was not discovered until several minutes after the thief had made his escape. The detectives of the Adams St. Station and several men from the Brooklyn Central Office, under the special direction of Deputy Commissioner Ebstein, are looking for the thief.

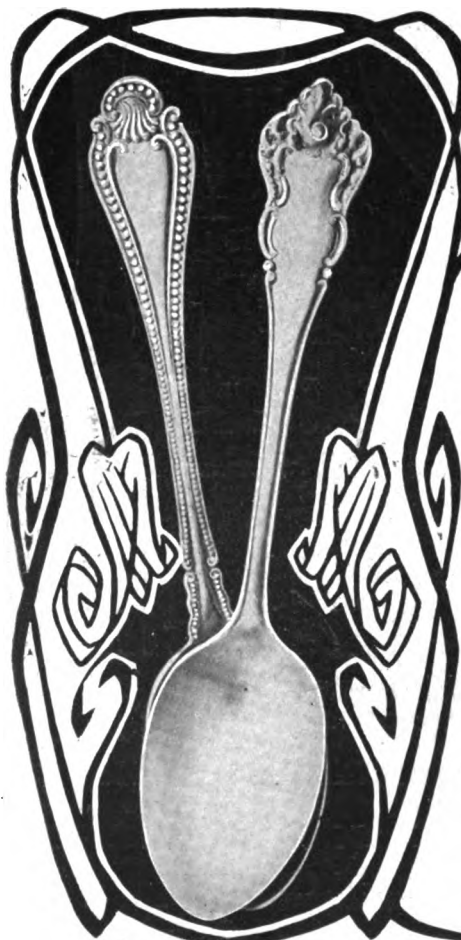
The robbery was committed between 1 and 2 P. M., when a number of the clerks employed in the store were at lunch. The store was well filled with customers at the time and the remaining clerks were busy attending to their wants, when a smartly dressed young man entered and after walking quietly about for a few minutes took up a position at one end of the diamond counter near the entrance. He attracted no particular attention and was still standing there when Mr. Webster, who had been in the rear, came forward to meet a customer at the door. Mr. Webster asked the stranger if he was being waited upon, to which question the young man replied in the affirmative. Mr. Webster paid no further attention to the man and walked with his customer

to the cashier's desk, at the front of the store. Meanwhile Miss Bauer, one of the saleswomen, asked the man if he was being waited upon and he again answered that he was. She then became engaged with some other customer in the store and paid no further attention to him.

The young man leaned against the counter for some time and all at once disappeared. With him went the tray of diamonds. The loss was discovered by Mr. Webster, who was returning again to the diamond counter after showing his customer out. To escape with the diamonds the thief had been obliged to walk by the cashier's desk, Mr. Webster, his customer and several other people in the store. It was thought that he secured possession of the tray by reaching over the counter while no one was looking, unfastening the slide and secreting the tray of rings under his coat. The work must have been done very quickly and deftly. Then the stranger vanished so quickly in the dense throng of shoppers on Fulton St. that pursuit was useless.

The police at Adams St. and at headquarters, which is only one block away from the store, were hurriedly notified of the theft, but the young man was not captured. It was thought that he boarded a car in making his escape.

The supposed thief is described by Mr. Webster, who only glanced at him casually, as being about 26 or 27 years old, 5 ft. 10 in. tall, of slight build, smooth face, dark hair and wearing dark clothes. The diamonds ranged in size from  $\frac{1}{2}$  to  $1\frac{1}{2}$  karats each, and were all in single stone rings.



## WORLD BRAND

You will find it easy to sell "WORLD BRAND" Plated Ware. No silver ware has ever been made that is quite so attractive or of such splendid value.

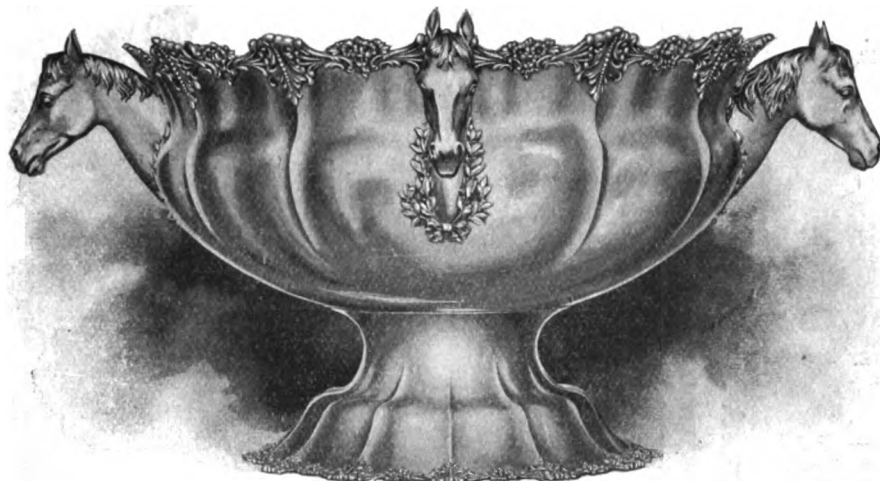


All Flatware bearing the above Trade-Mark, known as the "WORLD BRAND," is guaranteed to be of the highest grade German Silver Base and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

**The American Silver Co.**  
Factory: BRISTOL, CONNECTICUT.







562

# Special Presentation Pieces

and ware requiring new and original designs are always given our most careful and prompt attention.

Our several factories and large facilities enable us to place at the service of the trade a corps of experts, producing the most artistic

## STERLING SILVER and SILVER PLATE.

The ware we are furnishing the largest Steamships, Hotels and Clubs, as well as the trade in general, is a sure indication of the desirability and popularity of our productions.

Our increased line of

## RICH AMERICAN CUT GLASS

is now well displayed in the new addition to our warerooms in Maiden Lane, and is worthy of your inspection.

## INTERNATIONAL SILVER CO.,

SUCCESSOR TO

THE BARBOUR SILVER CO.  
THE DERBY SILVER CO.  
THE HOLMES & EDWARDS SILVER CO.  
THE MANHATTAN SILVER PLATE CO.  
MERIDEN BRITANNIA CO.  
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THE MERIDEN CUT GLASS CO.  
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THE ROGERS & HAMILTON CO.  
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SIMPSON, HALL, MILLER & CO.  
MIDDLETOWN PLATE CO.  
THE WATROUS MFG. CO.

**Warerooms: 9, 11, 13 and 15 Maiden Lane, New York.**

GENERAL OFFICE, MERIDEN, CONN.



When  
you  
buy

# The Royal

you  
buy  
the  
most  
that  
is  
getable  
in  
Quality  
and  
Beauty  
in  
a  
20-year  
Filled  
Case.

## Philadelphia Watch Case Co.,

RIVERSIDE, N. J.

### National Monthly Import and Export Statistics.

WASHINGTON, D. C., Aug. 20.—The records of the Treasury Department contain the following comparative statistics of interest to the jewelry trade for June, 1901 and 1902, and for the 12 months ending June, 1902:

		IMPORTS.		—12 Months Ending—	
		June, 1901.	June, 1902.	June, 1901.	June, 1902.
Clocks and parts of.....		\$17,478	\$25,068	\$359,146	\$458,890
Watches, materials and movements.....		128,585	140,869	1,679,093	2,001,434
Diamonds, glaziers' diamonds, etc., unset; diamond dust or bort and watch jewels (free)....		156,287	558,772	6,574,680	6,154,853
Diamonds, n. e. s., not set (dutyable).....		1,418,511	1,568,256	11,680,823	12,782,670
Precious stones, rough or uncut (free).....		5,799	11,429	85,803	56,783
Precious stones and pearls, not set.....		230,958	875,343	2,134,980	4,403,919
Jewelry and manufactures of gold and silver.....		572,455	125,209	8,790,671	2,642,845
EXPORTS OF DOMESTIC MERCHANDISE.					
Clocks and parts.....		120,797	111,727	1,296,222	1,146,381
Watches and parts.....		82,523	65,949	1,044,529	998,109
Jewelry and manufactures of gold and silver.....		72,745	100,278	1,229,672	1,338,347
Plated Ware.....		55,190	68,843	517,208	595,626
EXPORTS OF FOREIGN MERCHANDISE.					
Clocks and parts.....			8,475	561	3,631
Watches, materials and movements.....		147	3,099	678	3,133
Diamonds, rough, including miners', glaziers', etc. ....				4,844	
Diamonds, n. e. s. (dutyable).....			68	4,173	63
Other precious stones, rough or uncut (free)....			14,839	17,635	59,271
Precious stones and pearls, not set.....					
Jewelry and manufactures of gold and silver.....		8,097	8,489	25,009	50,684

NOTE.—The commerce between the United States and Hawaii and Porto Rico, respectively, is not included in the statements of the foreign trade of the United States after June 30, 1900, but after this date the trade of Hawaii and, after July 1, 1901, of Porto Rico with foreign countries is included in the statement of the foreign commerce of the United States.

#### Thief Smashes Lebanon Jeweler's Window and Steals Two Watch Cases.

LEBANON, Pa., Aug. 21.—With a brick wrapped in a bag, an unknown man smashed the plate glass window of Stoll & Funck's jewelry store, 20 North 9th St., and got away with two gold watch cases, valued at about \$60. The thief was frightened off by a resident of the neighborhood, who was awakened by the crash and proceeded to investigate.

The robbery was quite bold, the store being located within 100 feet of arc lights and near the business center of the city. One of the stolen cases belonged to Garfield Commandery, K. G. E.

The thief was seen running away by a

number of people, but none could give a good description of his appearance. A colored man was arrested for the theft, but was later exonerated and released.

D. F. Dubs, Hanover, Pa., had rather a peculiar experience while recently driving to Penn Grove Camp. When near Smith's Station the horse became frightened at a passing train and jumped over a hedge fence. In this awkward position, the horse on one side of the hedge and the buggy on the other, the jeweler remained until assistance arrived, when the horse was extricated. The only damage sustained was to the horse, who received a few scratches.

IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.

## W. Green & Co.

SUCCESSORS TO  
GREEN BROS.

MANUFACTURERS OF THE CELEBRATED



AMERICAN MAIN SPRINGS

OPTICAL GOODS,  
WATCH CHAINS,  
SILK GUARDS.

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

1st—Accurate and Rapid Filling of Orders  
2nd—Unlimited Stock.  
3rd—Right Prices.  
4th—Best Grade of Goods.

**Our Cardinal Points:**

**Our Newly-Reffitted Salesrooms:**

Increased business has compelled us to double our floor space. We are now better prepared than ever to fill orders accurately and rapidly.

**MAIL ORDERS A SPECIALTY.**

This year we propose to do everything in our power to cement closer relations with business friends of many years' standing, and to make it to the interest of those who are not now our customers to become such.



# THE USUAL WAY.

A jeweler in a large city recently informed one of our travelers that he had just had a call from a representative of another manufacturing case-maker, who, in urging him to purchase,

said that his goods were well made and engraved, and were nearly as good as those made by the **A.W.C.CO.**

*Good wine needs  
no bush.--*

*Shakespeare.*

Our traveler then asked--"Do I have to say anything?" The jeweler replied--"Not a word.

You cannot be advertised to better advantage. We want the best only. Come in at 2 o'clock and I will select my Fall purchases."

The "Just as good" speaks for itself.

Jewelers visiting New York  
are cordially invited to call.

**American Watch Case Co.,**

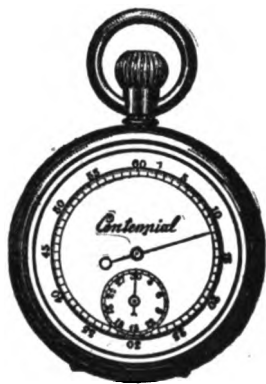
9-11-13 MAIDEN LANE, NEW YORK, N. Y.



# Centennial Timers.

**Acknowledged by the trade generally to be the Best Timers made.**

**In Nickel, Open Face Case, Minute Register, with start, stop and fly-back attachment operating from stem.**



**Price \$4.50, less 6% for Cash.**

**Timers are one-third larger than cut.**

**Cross & Beguelin,**

**Manufacturers,**

**17 Maiden Lane,  
New York.**

**AGENTS FOR THE**

**Omega, Hamilton,  
Waltham and Elgin  
MOVEMENTS.**

**AND ALL MAKES OF**

**American Cases.**

## Disappearance of Walter H. McFarlane Worries His Creditors.

TORONTO, Can., Aug. 20.—Walter H. McFarlane, of McFarlane & Co., who recently conducted a business in novelties and cheap jewelry, has been missing since July 1, when he left Toronto supposedly for New York, leaving his affairs in a very bad way.

One letter is known to have been received from him some weeks after his departure which was mailed in New York and was to the effect that he was having a good time and would return home when he got ready. Meanwhile his creditors have become anxious as to his whereabouts, concerning which they can learn nothing.

There was a meeting of creditors about a week ago, the largest of them being Dominion Express Co., \$1,750; Samuel Frankel, Toronto, \$500; George Beale, representing Guzel & Rossenburger, London, Eng., \$1,000, and P. W. Ellis & Co., \$300. As a temporary measure the creditors appointed Geo. Beale, Mr. Gallaway, of P. W. Ellis & Co., and Charles Robertson to direct the business, leaving the regular clerks in charge. The liabilities amount altogether to about \$8,000, including a large amount owed to newspapers all over Canada for advertising.

The trade conducted by McFarlane was a mail order business. McFarlane was formerly a partner in the firm of Johnston & McFarlane, in the same line, which dissolved in 1900, when he continued the business under the name of McFarlane & Co. the "Co." having no existence.

In April, 1902, he secured a provincial charter for the company, with a nominal capital of \$100,000, but it was never used. The assets are stated by the employees to be about \$9,650, consisting of book accounts and stock, but it is regarded as doubtful whether much can be realized from them. The heavy account with the Dominion Express Co. is a mysterious feature of the case,

as the other creditors cannot understand how McFarlane could become involved with them to any extent in the regular way of business. The company is reticent as to the matter.

## Jeweler Charged With Issuing Worthless Check Explains in Court.

ATTLEBORO, Mass., Aug. 20.—Fred M. Ellis, of F. M. Ellis & Co., was before Judge E. M. Reed, in the First Bristol District Court, Monday morning, charged with the utterance of a check which was not redeemable at the bank named on its face, owing to the fact that no deposit existed under the name signed at the time of its utterance nor immediately afterward.

The complainant was J. Shepard Richards, recently retired from Wheaton, Richards & Co. Deputy Sheriff John H. Nerney was the arresting officer.

The defense of Mr. Ellis was lack of criminal intent and a trust at the time that the check was issued that there would be money to meet it by the next opening of the bank.

Judge Reed permitted the accused to redeem the check from Mr. Richards in cash, to pay the costs of serving the warrant and then laid the case on file.

## Receiver Appointed for D. C. Scott.

ANACONDA, Mont., June 20.—Judge Campbell last week appointed F. C. Norbeck, cashier of the Daly Bank and Trust Co., of this city, trustee for the creditors of D. C. Scott, a jeweler of Anaconda. The appointment was made at the request of Frank McIlroy, who represented a majority of the creditors.

The assets are placed at \$2,500 and the liabilities are said to be about \$6,000. The trustee's bond was fixed at \$3,000.

N. M. Johnson, Bemidji, Minn., moved into the Schroeder Building, August 20.

## There is a Big Demand

for Wadsworth Watch Cases, steadily increasing because of our strong advertising in such publications as Century Magazine, Munsey, Delineator, etc., Engineers Journal, Telegraphers Journal, etc. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in stock a full assortment in time to meet first calls. We will send a handsome

## Show Case Mat

to dealers who send us five Twenty-five Year Tags, or ten Twenty Year Tags. Save them and send them to us.

THE WADSWORTH WATCH CASE CO.

Dayton, Kentucky.



## THE JEWELER AT THE GATE.

*This yarn conveys a moral: read it through.  
It tells you what to do, what not to do,  
To escape the torture of th' eternal stew.*

Smith lived his quiet life at Blankville town,  
Untroubled by the itch for great renown—  
Just a plain, commonplace, contented man,  
Who in the race for fortune "also ran."  
He dealt in Watches, and such other things  
As clocks, and chains, and silver ware, and rings:  
A Jeweler, he.

After a while he died,  
And crossed the Jordan to the other side.

Arrived at Heaven's gate, he pulled the bell.  
St. Peter, through the keyhole, said: "Please tell  
Your name, your trade, your history; then I'll see  
If you're O. K., or (sad for you!) n. g."

Smith promptly pulled his card from out his vest,  
And shoved it through the Gateway of the Blest.  
It read: "John Smith, the Jeweler: I trade  
In Cases Filled, of Gold—the best that's made—  
And these I guarantee with cheerful mind,  
For *my* Filled Cases are the wearing kind."

The saintly Gateman, focussing his specs,  
Gazed at the card, "Gee whillikens! What next?  
Of all who've asked admittance at this Gate,  
None match *your* cheek, by cracky, up to date!  
What! Heaven for men who sell Filled Cases? No!  
You've missed your road. I'll show *you* where to go!"

Poor Smith, his legs a-tremble, stammered out:  
"O good St. Peter, surely there's a doubt  
That you're mistaken; yes, I should have told  
It was **Boss** Cases that I always sold!"

"**Boss** Cases?" Here the Gate flew open wide.  
"**Boss** Cases? Mister Smith, *please* step inside,  
And pardon me my very great mistake  
In bunching you with those who sell a fake.  
—What, ho, there! Bring this man a brand-new crown!—  
Now, Mister Smith, go 'way front and sit down!"



## The "BLUE BOOK"

## The "RED BOOK"

## The "OUTING BOOK"

## The "BROOCH BOOK"

*These four books show everything in Watches:* for every season, for every taste of every section of the country, for boy, girl, man or woman: for fun, outing, trophy, gift, memento, business or fashion—formal or informal. Every size from the smallest 8-ligne to the largest 18 size. Every casing from nickel to solid gold. Every form of design, from plain to hand engraved and iridescent enameled. *All serviceable and warranted whatever the size or grade:* all timed and tested in the cases before shipment and ready for the wearer, without adjusting or fussing of any kind. It's a stunningly attractive line. Get your season's orders in early.

## New England Watch Co.,

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

### David W. Davis Files a Petition in Bankruptcy.

GRAND RAPIDS, Mich., Aug. 25.—David W. Davis, a retail jeweler of 89 Monroe St., has filed a petition in bankruptcy. He began business in 1893.

At a meeting of creditors called in New York, Wednesday, it was learned that Davis claimed to have found out only a week ago that he was insolvent and could not pay his debts, and he further claimed that this knowledge came to him through the fact that his mother-in-law declined to endorse any more of his notes. His assets, he said, amounted to \$8,000; liabilities for merchandise, \$14,627; money borrowed on the banks and secured by endorsements, \$3,500, and loans from wife, \$507.

Davis's attorney, who came from Chicago, said at the meeting that his client's assets were in the possession of the United States Marshal. It was Davis's intention, he said, to make an offer of settlement of 10 per cent. cash and 10 per cent. in two notes. After talking with some of the creditors, however, an offer of 20 per cent. cash was made, and after considerable discussion it was decided by the creditors to take no action until the debtors' books could be examined.

A telegram was sent to Grand Rapids ordering the books to be sent on and to be held in the care of the Jewelers Association and Board of Trade until they can be examined by an expert, and the result of such examination reported at a meeting of the creditors to be called in the near future.

At this meeting creditors will decide whether to accept or reject the 20 per cent. cash offer.

### Partners at Odds Over Money Invested in an Improved Polishing Wheel.

PHILADELPHIA, Pa., Aug. 20.—A charge of obtaining money by false pretences was made in the Central Police Court to-day, against Patrick J. Clifford, of 730 Spring Garden St., the patentee of an improved polishing wheel for diamonds and precious stones.

Walter N. Snow, 1001 Chestnut St., Clifford's partner in the business of manufacturing the patented wheel, was the complainant. He testified that some weeks ago Mr. Clifford came to his place of business and interested him in the invention. A partnership was formed and the inventor was given \$262 for his secret process wheel, with the understanding, Snow alleges, that the cash was to be refunded if the wheel did not prove a complete success.

Mr. Snow averred that he informed Clifford of its failure and requested the return of the \$262 which the latter neglected to do.

Magistrate Kochersperger held Clifford in \$500 bail for a future hearing this week.

J. O. Holen, administrator of the estate of Fred Scott, Stillwater, Minn., has sold the business of the Scott Jewelry Co. to T. C. Stocking and Mrs. Fred Scott, who are the proprietors of the Scott Drug Co.

# Always in the Lead

AMONG HIGH GRADE WATCHES.

First  
in  
Quality,  
Adjustment,  
Durability,  
Style.



New  
Grades,  
New  
Sizes,  
New  
Improvements.

## Vacheron & Constantin,

GENEVA, SWITZERLAND.

FITS ALL SIZES  
OF  
AMERICAN CASES.



SPECIAL GRADES  
FOR  
RAILROAD MEN.

**EDMOND E. ROBERT,** 3 MAIDEN LANE,  
NEW YORK.  
SOLE AGENT.









# A. & B.

## HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

**AVERY & BROWN,**  
68 Nassau St., New York.

### Annual Meeting of the Buyers' Association of America.

The annual meeting of the Buyers' Association of America was held Wednesday evening, at the association's headquarters, 26 E. 20th St., New York.

I. N. Levinson, of Stern Bros., presided. The usual routine business was transacted and the reports of the secretary of the finance and of the executive committees were read and approved. After the reading of the reports a vote was taken on the officers and executive committee for the ensuing year. The following were unanimously elected:

President, R. C. Dickman, Stern Bros., New York City; First Vice-President, Charles L. Smith, A. D. Matthews' Sons, Brooklyn, N. Y.; Second Vice-President, A. L. Fletcher, R. H. White & Co., Boston, Mass.; Third Vice-President, J. L. Adrien, Marks Bros., Philadelphia, Pa.; Fourth Vice-President, J. J. Jacklin, Hale Bros., San Francisco, Cal.; Secretary, G. M. Butler, resident buyer for Gimble Bros., Philadelphia and Milwaukee; Treasurer, E. M. Sostamn, resident buyer for the May and the Bernheimer stores.

Executive Committee: H. S. Bernard, Rothenberg & Co., New York City; John L. Strohl, L. S. Plaut & Co., Newark, N. J.; I. N. Levinson, Stern Bros., New York City; Alfred Fanti, Hecht Bros., New York City; J. H. Gilbert, 26 E. 20th St., New York City; Sig. Hirsh, Siegel-Cooper Co., New York City; Martin Roman, Siegel-Cooper Co., New York City; George Sloan, resident buyer for Field, Schlick & Co., St. Paul, Minn.; Pantan & White, Duluth, Minn.; Crow & Whitmarsh, Cleveland, O.; George W. Sherrer, the Furst Co., Jersey City; Jacob Selig, Rothenberg & Co., New York City; William L. Travis, Guarantee Clothing Co., New York City; J. G. Heary, James A. Hearn & Son, New York City; J. H. Brown, Hahne & Co., Newark, N. J.; G. H. Walker, Niccollet Clothing House, Minneapolis, Minn.; F. M. Taylor, Solomon & Ruben, Pittsburgh, Pa.

The association then voted to change the time for the annual convention from August to February. It was also decided to definitely establish a death beneficiary fund. A law department, whose duty will be to furnish free legal advice to members, was established, and it was decided to continue the employment bureau. The publication of the Association's official organ, the *Purchaser*, will also be continued.

The business meeting was followed by a banquet that was generally enjoyed.

### Philadelphia Diamond Dealer Brutally Assaulted in his Home.

PHILADELPHIA, Pa., Aug. 22.—Dr. J. L. Fabian, a well known diamond dealer and collector of antique jewelry, who lives at 708 Brown St., was the victim of a murderous assault last Tuesday. The motive for the attack is believed to have been robbery, for it was generally known that Dr. Fabian often carried as much as \$7,000 worth of precious stones about with him.

Dr. Fabian was alone in his house, Tuesday morning, when a well-dressed, heavily built man entered and requested medical advice. When Dr. Fabian invited him into the office he was suddenly attacked with a heavy iron instrument and knocked down. Dr. Fabian screamed "Murder!" and his assailant, fearful of being arrested, rushed out.

Dr. Fabian soon recovered and notified the police. His assailant has not yet been captured. Dr. Fabian is 78 years old.

## One good thing out of the many that make for UNITED STATES superiority.

The balance-staff pivots of UNITED STATES Movements are turned *by hand*. When pivots are ground with diamond dust (as in some Movement factories), one of two things happens: either the cap jewel will become pitted, or the pivot will cut; for grinding charges the pivot with diamond dust. The burnishing, practiced by some factories, frequently causes the pivot to become eccentric, which of course prevents the poising of the balance.

UNITED STATES movements are "made right," *all through*.

UNITED STATES WATCH COMPANY,  
of Waltham, Mass.



Roy watch cases are favorably known by particular people all over the globe.

**Roy Watch Case Co.,**  
21 MAIDEN LANE, N. Y.

MAKERS OF WATCH CASES IN SOLID GOLD ONLY.

# CROWN

is "writ large" in the appreciation of the million Americans whose good judgment led them to select the Best Filled Case.

Crown 14K., guaranteed for 25 years.

Crown 10K., guaranteed for 20 years.

**PHILADELPHIA WATCH CASE CO.,**  
RIVERSIDE, N. J.



# CLOCKS



## MARQUISE.

Eight-Day, Half-Hour Gong Strike.  
Height, 15½ inches. Width, 7½ inches.  
Porcelain Visible Escapement Dial, 4½ inches,  
Arabic or Roman.  
Mercurial Pendulum.  
Polished Brass, Rich Gold Trimmings, Beveled  
Plate Glass Front, Sides and Back.  
Made with Jeweled Sash and Pendulum, additional.

are great advertisers. They are always on view, always doing duty. Many will inquire as to where a handsome clock was purchased who would not evince curiosity regarding jewelry or other wares. A beautiful clock advertises the jeweler's artistic reputation. A good time-keeping clock advertises his reliability.

*Push your clock department; it pays.*

Clocks that are always artistic and always right bear this trade mark.



The mark that's known the world over.

## THE ANSONIA CLOCK CO.,

NEW YORK, 99 JOHN STREET.  
CHICAGO, 90-94 WABASH AVENUE.

ESTABLISHED 1842

## THE E. HOWARD CLOCK CO.

MAKERS OF

## TOWER CLOCKS

WATCHMAN'S CLOCKS  
OFFICE CLOCKS  
BANK CLOCKS

LIBRARY CLOCKS  
SCHOOL CLOCKS  
ASTRONOMICAL CLOCKS  
RAILROAD CLOCKS

CHURCH CLOCKS  
HALL CLOCKS  
MARINE CLOCKS

1 CLOCKS OF SPECIAL DESIGN AND ALSO THE FAMOUS

"E. HOWARD & CO. WATCHES"

BOSTON OFFICE, 403 WASHINGTON STREET

FACTORY, 206 Eustis St. (Roxbury Dist., Boston) NEW YORK OFFICE, 41 Maiden Lane

Chicago Office, 103 State St. R. B. REDFERN, Manager.

Smith's Patent Inserted Steel Knives  
never get dull and never rust  
E. H. H. Smith, 9 Maiden Lane, N. Y.

NICKEL SILVER AND STERLING

### Thos. N. Theus Retires from the Firm of Theus Bros.

SAVANNAH, Ga., Aug. 20.—It became known this week that Thos. N. Theus, of Theus Bros., jewelers at 1 W. Broughton St., had retired from the business with which he had been connected for nearly half a century and of which firm he had been senior partner for 15 years.

With the exception of a few years during the Civil War, Mr. Theus has been continuously in the jewelry business and a member of the present house under its various changes for nearly 50 years.

He is widely known, not only through this section of the country, but throughout the wholesale jewelry trade of the north and east. It is largely through his efforts and reputation that the business has been built up till it occupies its present important position in the mercantile world of the south.

Simeon Theus, the junior member of the old firm, well known to the trade, having been with Enos Richardson & Co. for 12 years, and Rich. M. Courtenay, for 12 years bookkeeper and confidential man of the old firm, have succeeded to the business, which they will hereafter continue at the old address under the name of Theus & Co.

### Death of Louis Michaelis.

NEW ORLEANS, La., Aug. 20.—Louis Michaelis, a well known jeweler and pawnbroker of this city, died Friday at his home after an illness of three months.

Mr. Michaelis was born in Austerlitz, Germany, 70 years ago, and came to this country when a young man. He had been a resident of New Orleans since 1854 and during the early part of his career was engaged in the furniture trade. He left this business, however, to open a jewelry store in partnership with Charles Boster, finally succeeding to the business, which he continued alone. At the time of his death the store was located at 300 Royal St. Mr. Michaelis was married 38 years ago to Miss Sarah Oppenheimer. His widow and seven children survive him.

The deceased was prominent in secret and benevolent associations, being a member of the Knights of Honor, New Orleans Lodge No. 2515, the B'nai B'rith, the Jewish Widows and Orphans' Home Association, the Touro Infirmary Benevolent Association and the Cosmos Club.

### Thief Steals Ring from Samuel W. Fellows.

LAWRENCE, Mass., Aug. 20.—Samuel W. Fellows, of 265 Essex St., has reported to the police that he was robbed last night of a valuable ring by a young man who entered his jewelry store about 8 o'clock in the evening.

The man had been shown a tray of rings and jewelry and while he was examining the pieces Mr. Fellows noticed that he closed his hand over a ring. When the jeweler called the man's attention to the fact the latter dropped his hand into his pocket and darted from the store. Before the jeweler could run around the counter and intercept him the thief had darted into the street and made good his escape.





Distinctiveness, newness, artistic designs, rich quality,  
 with consistently low prices are a few features of  
Gruen Gold Cases. . . . . .  
 Productions, such as are worthy of bearing the word  
"Gruen," a name known only as synonymous of rich,  
good quality in the horological world. . . . .

CASES MANUFACTURED BY THE

**GRUEN-NAT'L WATCH CASE CO.**

PRODUCT DISTRIBUTED IN U. S. A. BY

**D. GRUEN, SONS & CO.,**

NEW YORK.

CINCINNATI.

COMMANDER  
 14 K  
 GUARANTEED  
 25 YEARS

ELGIN PRIDE  
 ONE QUARTER 14 KARAT GOLD  
 MADE LIKE SOLID GOLD CASES  
 PERPETUAL GUARANTEE

GIANT  
 14 K  
 GUARANTEED  
 20 YEARS

## A Conscientious Jeweler

HAS A SATISFIED FEELING AFTER  
 SELLING AN ELGIN PRIDE  $\frac{1}{4}$  GOLD  
 14 KARAT WATCH CASE. BECAUSE  
 HE KNOWS HIS CUSTOMER HAS  
 RECEIVED FULL VALUE.

UNIQUE DESIGNS.

PERPETUAL GUARANTEE.

**Illinois Watch Case Co., Elgin.**



# To Large Diamond Buyers:

## IMPORTANT

**O**UR recent large purchases of rough and other special facilities, among which are our cutting works, the largest and most completely equipped in this country, enable us to offer Diamonds of our own cutting in original lots to importers and large dealers at prices equal to those of any European Market, thus saving a duty of 10 per cent.

*This announcement means  
exactly what it says.*

## Stern Bros. & Co.,

68 NASSAU STREET,

CUTTING WORKS:  
138-142 W. 14th Street.

NEW YORK.

CHICAGO,  
149 STATE STREET.

LONDON,  
29 ELY PLACE.

## Providence.

### TRADE CONDITIONS.

Now that August is drawing to a close the salesmen are beginning to get their grips packed with choice samples of their several lines and are prepared to go out and bring in business. All the great centers, both east and west, will be visited, and the outlook seems to be favorably regarded. Some of the manufacturers are quite optimistic in their view of the probabilities for the coming season and say that they are anticipating a lively demand for holiday goods. Although just at present there is a little quietness in some of the lines, a renewal of activity is looked for and a good Fall trade is expected.

Donley & Co. have removed to 26 Friendship St.

S. H. Manchester, of Fessenden & Co., is reported as ill.

J. F. P. Lawton is stopping at the Mountain House, Jackson, N. H.

J. C. Keegan & Co., who were located at 117 Point St., have gone out of business.

Walter B. Frost, of the *Manufacturing Jeweler*, has returned from a trip to Europe.

Fred Carr, secretary of the Ostby & Barton Co., is a guest at the Sunset House, Sugar Hill, N. H.

Among those who are enjoying the Summer at Saunderstown is George W. Hutchison, of Hutchison & Huestis.

Mrs. O. C. Devereux is convalescing rapidly at the Summer home of Mr. and Mrs. Devereux at Prudence Park.

E. Merle Bixby, of the Bixby Silver Co., who is summering at Buttonwoods, took out a party on his yacht last week.

The breaking of a mast on the *Mblem*, George Darling's fast catboat, put the craft out of the running in the final race for the special Leavitt trophy offered by the Rhode Island Yacht Club.

Arthur E. Austin recently purchased an up-to-date steam yacht which he has named the *Corante*. The craft was recently launched, Mr. Austin and a party of friends attending when this interesting ceremony took place.

A still alarm called Hose 7 one evening last week to the refinery of John Austin & Son, 76 Clifford St. The blaze was discovered by the watchman and proved to be in a heap of rubbish on the top floor. It was extinguished with but slight damage.

Tuttle & Stark have removed from 234 Richmond St. to 116 Chestnut St. Their new quarters will be more commodious and will afford them conveniences which were lacking in their former establishment.

In the Seventh District Court, Friday, in the case of the Hunt Jewelry Co. vs. Frederick R. Guile, for trover and conversion, the property in question being articles of jewelry, an extension was granted to the plaintiff, the damages awarded being \$18 with costs amounting to \$4.75.

On Thursday the plant of the Lawton-Sherman Co. was sold at auction. W. R. Powers, who afterward formed a corporation known as the W. R. Powers Co., purchased the plant after the retirement of the Lawton-Sherman Co. from business and it was this concern that offered the plant at auction. E. L. Spencer & Co. purchased at the time of the Lawton-Sherman Co.'s failure most of the small tools and sample lines of the concern, but notwithstanding this there was quite an amount of machinery



# Warning to the Trade

I hereby beg to notify the Diamond Cutters and Dealers of the United States that I am the Owner, in both United States and Foreign Countries, of the Patent covering the Twentieth Century Cut Diamonds, now manufactured and sold by Nereshelmer & Co., and by Jac. Kryn and Wauters Bros.—that all people exclusive of the two firms above mentioned who manufacture Twentieth Century Cut Diamonds, or imitations thereof calculated to deceive the Public, will be infringing my Patent Rights and I will prosecute them to the full extent of the law.

The law holds that a dealer who handles an infringing article is equally as responsible, and is as much of an infringer, as the manufacturer from whom he purchases.

Therefore, I shall hold the Dealers as well as the Manufacturers responsible for any infringement of my rights.



BOTTOM.



SIDE.



TOP.

**David C. Townsend.**

NEW YORK,  
AUG. 10, 1902.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

**ALFRED H. SMITH & CO.,**

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**WM. S. HEDGES & CO.,**  
 IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**  
**DIAMOND JEWELRY.**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **New York.**  
26 Holborn Viaduct, London.

**Diamonds, Pearls**  
 AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**  
 IMPORTERS AND CUTTERS, 1 MAIDEN LANE, NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS** AND OTHER **PRECIOUS STONES**  
 FINE PEARLS A SPECIALTY.  
**68 Nassau St., cor. John St.,** Sheldon Building, Room 16 **NEW YORK.**

CHARLES L. POWER.

ROBT. B. ALLAN.

**CHARLES L. POWER & CO.,**  
 CUTTERS AND IMPORTERS OF  
**Diamonds, Rubies, Pearls, Emoralds, Sapphires,**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **2 Maiden Lane,**  
**NEW YORK.**

**SMITH & NORTH,**  
 IMPORTERS OF  
**DIAMONDS.**  
 DEALERS IN  
 AMERICAN WATCHES AND FINE JEWELRY.  
14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**  
**14 MAIDEN LANE, NEW YORK.**  
 LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.

and other fittings to be disposed of by the auctioneer. The lots were pretty well broken up and went to various purchasers. The sale was attended by a number of members of the trade and the prices were fairly good.

The regular meeting of the Jewelry Workers' Union was held in the Labor Temple last week. Considerable business of a routine nature was transacted. It was decided by the members of the union to change the meeting night from Tuesday to Friday.

Jewelers and members of the trade generally showed their patriotism during the visit of President Roosevelt by elaborately decorating their places of business. This was done not only in those establishments before which it was known the President would pass, but also in instances where it was patent that he would not see the decorations in his honor.

### Attleboro.

The electro-plating establishment of H. Gilbert Coyle was closed last week and a keeper installed, in the interests of Herbert E. White, a large creditor.

The factory of E. D. Gilmore & Co. was closed one day last week while Mr. Gilmore, William L. King, his partner, and a number of relatives among his employes, attended the annual reunion of the Gilmore family in this town.

Sidney O. Bigney, of S. O. Bigney & Co., David E. Makepeace, of the D. E. Makepeace Co.; Everett S. Horton, formerly of the Horton, Angell Co., and J. Albert Bigney, of Regnell, Bigney & Co., returned last week from a month's tour of Canada.

Mrs. Blake, wife of the head of the James E. Blake Co., announced last week her intention to fit up a room in the Solomon Sanitarium, the \$300,000 hospital which is being erected and will be run by a coterie of Attleboro jewelry manufacturers, led by John M. Fisher, of J. M. Fisher & Co.

Fred L. Bellows, who recently withdrew from Bellows & Simms, has sailed for Europe. He proposes to open an office in Chicago and carry there the samples of several eastern and London, Paris and Liverpool manufacturing jewelry houses. The Chicago office and a branch in New York will be under his personal control, while a corps of salesmen will represent him on the road. He will be abroad until the last of September.

A vigorous contest has been instituted against the probating of the will of the late Mrs. Alice B. Tinkham. She passed away a few weeks ago in Attleboro, leaving a fortune estimated at \$175,000, a part of it the proceeds of a jewelry venture in New York years ago. She left a very eccentric will in which Samuel E. Fisher, a retired North Attleboro jewelry manufacturer, is made the executor. He is instructed to take over the property, give no bond, file no inventory and make no accounting of his work, and to divide it in equal thirds to his own wife and two others nieces. His right to do this is disputed by the other heirs.

Wells Bros., Coffeyville, Kan., have given a real estate mortgage for \$4,000.



**North Attleboro.**

A. B. Chase, salesman for F. S. Gilbert, has started for the west.

Frank M. Sturdy and W. H. Bell have returned from Quonochontang.

John E. Tweedy is in town after spending a number of weeks at Cottage City.

Albert Sweet, representing the New York office of J. F. Sturdy's Sons, was in town the past week.

An accident to the power transmission at W. N. Fisher & Co.'s factory caused a shut-down on Monday.

E. D. Sturtevant, of Sturtevant, Whiting & Bigelow, has returned from a three weeks' vacation spent at Marlboro.

Andrew Morris, superintendent of the factory of G. C. Hudson Co. spent his vacation at Cottage City, last week.

Donald Le Stage, salesman for H. D. Merritt & Co., showed his old time skill in a ball game at Cottage City last week.

Work on the Adamsdale extension, which will give North Attleboro through steam car connections with Providence, is being pushed night and day. May 1, 1903, is set as the date of opening.

William H. Riley, of Riley, French & Heffron, lost a diamond stud valued at \$200 last week. He was boarding a steamer on Narragansett Bay, and is confident it was removed from his shirt bosom.

**Plainville.**

A. W. Burton, of the Plainville Stock Co., has been resting at Buttonwoods.

C. P. Elliot, New York representative for Maintien Bros. & Elliot, is in town on a visit.

The Maintien Bros. & Elliot team defeated G. K. Webster's nine by a score of 16 to 6 Saturday morning.

**Baltimore.**

The James R. Armeger Co. is having the interior of its store refrescoed.

Talbot W. Jenkins and wife have gone to Boston and Newport for a ten days' stay, after which they expect to return by way of Catskills and Niagara.

Eighty out of town merchants visited Baltimore last week and registered at the Merchants' and Manufacturers' Association to take advantage of the rebate system that is being offered with good effect.

The old Town Merchants and Manufacturers' Association members and friends recently returned from a most enjoyable trip north, visiting Boston, Portland, Old Orchard Beach, White Mountains, New York and Philadelphia. An interesting incident of the trip was a snowball battle on Mount Washington.

It is reported here that Isaac Greenburg, representing New York capital, has purchased the old Virginia Pottery at Harrisonburg, Va., and will refit the plant and put it in operation. The purchase includes two acres of land fronting on the Southern Railway, and the plant was erected during the "boom" period. The local management will be in the hands of L. Forrester.

J. R. Shapiro, Kansas City, Mo., has been sued on account for \$175.

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

**MOUNT & WOODHULL,**

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS.

IMPORTERS OF

**DIAMONDS,****OTHER PRECIOUS STONES,****PEARLS, ETC.**

MAKERS OF

**FINE  
DIAMOND  
JEWELRY.****26 Maiden Lane**

(Southwest Corner Nassau Street),

**NEW YORK.**

EMERALDS,  
PEARLS AND DIAMONDS.

**MILTON P. BAGG & CO.,**  
RARE SPECIMENS OF  
DIAMONDS AND OTHER  
PRECIOUS STONES,  
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Cable Address: MILBAGG.  
RUBIES AND SAPPHIRES.

**Pearl Necklaces  
and Collarettes.****Mounted  
Diamond  
Jewelry**of every  
description.

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18 JOHN ST. NEW YORK

Large assortment of all kinds of very fine, fancy and rare gems, including Pearls, Diamonds, Rubies, Emeralds and Sapphires.

**Particularly Fancy Colored and Fancy Shaped Diamonds.**



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10 Rue Cadet, Paris.

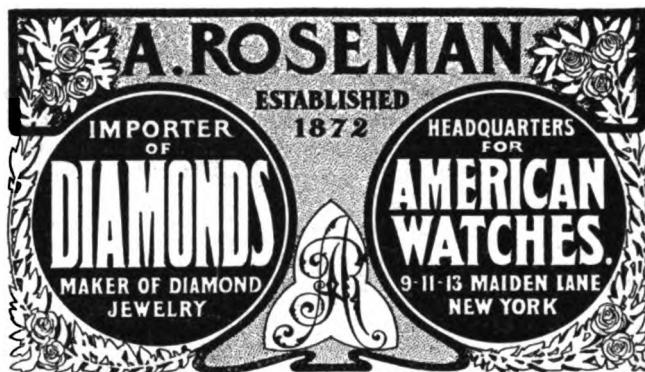
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IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.



SUCCESSORS TO HENRY FERA.

ESTABLISHED 1871.

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IMPORTERS AND CUTTERS OF

**DIAMONDS.**

DIAMOND JEWELRY, PRECIOUS STONES AND PEARLS.

Cutting Works: 1325 Atlantic Ave., Brooklyn.

European House: 21, 23, 25 Loojersgracht, Amsterdam, Holland.

65 NASSAU STREET,

NEW YORK.

## Boston.

M. D. Connor, with J. C. Sawyer & Co., started Saturday on his annual vacation.

James Murphy, with Robbins, Appleton & Co., is enjoying his vacation at Halifax, N. S.

F. W. B. Pratt, of Daniel Pratt's Son, 53 Franklin St., has been with his family at Cape Porpoise, Me.

Reginald C. Robbins, of Robbins, Appleton & Co., returned Friday from a trip to North East Harbor, Me.

S. G. Brooks, a veteran Roxbury jeweler, now located at 71 Warren St., is spending his vacation at Manchester, N. H.

The first meeting of the creditors of Samuel Carro, 68 Jewelers' Bldg., will be held Wednesday, Sept. 17, in the United States District Court, of this city.

Out-of-town buyers in town last week included: George C. Lang, Barton, Vt.; C. T. Loomis, Manchester, N. H.; L. M. Barnes, North Adams, Mass.; E. S. Burnham, Holyoke, Mass.; D. E. Gordon, Hillsboro Bridge, N. H.

Mrs. Nelson H. Brown, of the firm of Nelson H. Brown, 90 Franklin St., is spending the month of August at Gray's Inn, Jackson, N. H. R. W. P. Brown, of the same firm, is at Cape May. E. W. Rollins, with the same firm, is at South Ryegate, Vt.

The dimensions of the addition to the plant of the American Waltham Watch Co., published last week, were slightly incorrect. The item should have stated that there will be a continuous brick frontage on Crescent St. of 765 feet. When completed the entire front of the factory will be five stories in height, and the connecting building between the factory and the president's office will be two stories high, with architecture to harmonize with that of the president's office.

*Oppenheimer Bros. & Veith,*

*Cutters and Importers of Diamonds,*

*Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NASSAU STS., BROOKLYN.



**New Stores and Enterprises.**

(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes.")

The White Topaz Diamond Co. has established itself at Fall River, Mass.

N. Rustad has just started in the jewelry business in Minot, N. D.

William H. Waltz, formerly of Philadelphia, Pa., intends starting in business in Perkaspie, Pa.

Harry V. Holmes has opened a jewelry repair shop in the office of W. R. Sweden, on Main St., Caribou, Me.

A jewelry store will soon be opened in the quarters now occupied by the Champaign National Bank, Champaign, Ill.

Volmer, Jacobs & Brown are going to start a jewelry store in East St. Louis, Mo. They will open up in a few days.

Chas. W. Warren & Co. have recently been incorporated at Detroit, Mich., with a capital stock of \$25,000, all paid in. The stockholders are Chas. W. Warren and Walter S. Harsha, trustees, 300 shares each; Frank R. Fitch and Geo. C. Morris, executors; Edmund A. Christian, Pontiac; F. A. Goodrich, J. F. Hartz, Gerold J. McMahon and Wm. E. Allen, Plymouth, 200 shares each; Frederick H. Holt, 50 shares.

Burglars recently entered the jewelry store of E. F. Bennet, Colorado Springs, Col., and stole \$300 worth of jewelry. Chief of Police King has offered \$50 for information leading to the arrest of the thief or thieves and \$25 for the recovery of the jewelry.

The jewelry store of Jos. B. Moomaw, Reedley, Cal., was recently destroyed by a large fire, which swept over that district. When the flames reached the jewelry establishment, some ammunition exploded, and blew out a large brick wall. Incendiarism is suspected and one man has been arrested.

**EICHBERG & CO.,**

IMPORTERS AND CUTTERS OF

**DIAMONDS,**

65 NASSAU STREET

(Prescott Building),

NEW YORK.

**"The  
Pearl  
House."**

**EISENMANN BROS.,**

IMPORTERS OF

**FINE ORIENTAL PEARLS,**

Diamonds and Precious Stones,

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**PRECIOUS  
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STONES.**

***L. Heller & Son***

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Telephone 219 JOHN.

PARIS,  
5 CITÉ TREVISE.  
IDAR,  
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We are most favorably situated for  
**OPALS, PEARLS, DOUBLETS, GARNETS.**

**Charles M. Prior,**  
**DESIGNER.**

Original Designs for Sterling Silver.  
Fine Etching.

1685 Madison Ave., New York.

**GEO. P. GAYDOUL,**

Gold Pen Manufacturer,

17 JOHN STREET, NEW YORK.

Gold Pens Repaired, Repointed and  
Returned the Day Received

**1902-3 VEST POCKET BUYER'S DIRECTORY**

Kindred Trades. JUST ISSUED. Price 50 cents. JEWELERS' CIRCULAR PUB. CO.

of the Manufact-  
urers and Jobbers  
in the Jewelry and

A special feature of our business is filling special calls for Important and Rare Gems in Pearls, Diamonds and Colored Stones. We carry the largest Assortment of Loose Pearls in the trade and in addition a complete assortment of

**Pearl Necklaces, Collarettes, Ropes,  
Earrings and Studs.**

Our Diamond stock is always kept up complete in all qualities and sizes.

**American Pearls and Baroques.**

Dealers ordering of us are put to no expense for insurance or expressage.

**JOSEPH FRANKEL'S SONS,**

19-20 Holborn Viaduct, London.

TELEPHONE, 2733 JOHN.

68 Nassau Street, New York.



### Connecticut.

Frank W. Morris has returned to Wallingford from a business trip in the interests of R. Wallace & Sons' Mfg. Co.

It is reported that venders of bogus diamonds have taken possession of Bridgeport, and have done a thriving business.

Jacob Napel, formerly of New Haven, but now of New York, was slightly injured in a trolley accident at New Haven, August 22.

L. V. B. Hubbard, Shelton, attended the annual reunion of his Civil War regiment, the 20th Connecticut Volunteers, held at Savin Rock, Aug. 21.

H. N. Wetherell, traveling representative of the New England Watch Co., is home again after an extended trip through northern New England.

The Cape Town, South Africa, papers state that one of the largest shipments of American watches ever made to that country has just been made by the New England Watch Co., Waterbury.

Joshua Sutta, successor to T. F. Sherman, at 175 Meadow St., New Haven, made the golden-lettered badges for the grand annual barbecue of the New Haven Retail Butchers' and Grocers' Association, Aug. 21.

E. P. Everitt, Meriden, secretary of the C. F. Monroe Co., is confined in the Hartford City Hospital with a compound fracture of the right leg, the result of a fall through an elevator shaft in the Adams Express Co.'s office.

Several hundred tons of bituminous coal

last week ignited in the Shelton factory of the International Silver Co. by spontaneous combustion. The fire was finally extinguished after the hard and continued work of the fire department.

A letter has recently been received from Chas. F. Preusser, formerly of Waterbury, and now located at Manila, P. I., in the interest of the New England Watch Co., in which Mr. Preusser states that he will remain there indefinitely.

Captain Joseph Hall Barnum, proprietor of the Hartford *Sunday Journal*, and at one time an employe of the Sawyer Silver Spoon Co., Hartford, died recently, at the Hartford Hospital. The deceased was a first cousin of P. T. Barnum.

The International Silver Co.'s officials connected with Factory E are negotiating for a tract of land, owned by the Hall estate and Geo. L. Clark, situated between State and Pratt Sts., in the rear of Rogers, Smith & Co.'s office, Meriden, and it is expected that the deal will be consummated within a few days.

William H. Watrous, manager of the S. L. & G. H. Rogers Co., Hartford, recently presented each of the ladies of the West Brook Women's Relief Corps with six dozen silver knives, forks and tea spoons, four dozen table spoons, two dozen dessert spoons, one dozen butter knives and one dozen sugar shells, marked W. R. C., No. 49.

Homer A. Curtis, secretary of the Meriden Cutlery Co., tendered a banquet Aug. 21 to five of the resident directors of that concern at the Winthrop Hotel. The five

representatives who enjoyed the spread were Comptroller A. Chamberlain, Chas. L. Rockwell, Walter Hubbard, Geo. M. Howell, and John L. Billard. Comptroller Chamberlain is supposed to be Connecticut's next Republican candidate for governor.

Samuel A. Galpin, former president and treasurer of the New Haven Clock Co., who died in London, Eng., three weeks ago, and whose funeral was held in New Haven August 18, died intestate. The matter was brought up in the Probate Court on the morning of August 21. Attorney Henry C. White appeared with Henry L. Galpin, who, with his minor brother, will be the heirs of the estate. Judge Cleveland has appointed young Mr. Galpin an administrator of the intestate estate.

### Philadelphia.

Louis Spoerbase, 4078 Lancaster Ave., is summering at Wildwood, N. J.

A. P. Perpignan, with J. E. Caldwell & Co., is on a two weeks' pleasure trip.

Wm. Long, 1627 South St., is reported to be critically ill with pneumonia.

John Ernst, 2208 Frankford Ave., is reported to be convalescent from a serious illness.

Frank Huber, of the Lancaster house of L. C. Reisner & Co., was here on business last week.

The Philadelphia Horological School has removed from 1219 Filbert St. to Broad and Somerset Sts.

Walter Hammond, assistant manager of Strawbridge & Clothier's jewelry department, is on a vacation trip.

A. G. Lee, buyer of Wanamaker's watch department, is spending his vacation on the eastern shore of Maryland.

Walter Hammond, assistant manager of man, now in business in New York, intends to remove to this city permanently in a few days.

J. H. Brazier, of J. E. Caldwell & Co., has been drawn as a juror for the September term of the United States District Court.

The will of Lewis F. Robb, formerly a jeweler, 2423 Fairmount Ave., who died in February, was probated last week. The estate is valued at \$3,700.

E. Riggs, watchmaker, has resigned his position with Jas. H. Parker, 11th and Sansom Sts., and will go to California to enter into business with his father.

John A. Ervien, who as a member of the firm of Myers C. Ervien, fork manufacturers, was quite well known in the jewelry trade here, died Wednesday at his home in Ogontz, in his 81st year.

James Mueller, formerly buyer for the jewelry department of George Kelly's Instalment Store, who was accused of obtaining \$1,300 worth of goods from H. O. Hurlburt & Sons by false representation, was released from custody by Magistrate Kochersperger Wednesday.

Equity proceedings were begun by the Whitehead & Hoag Co., Newark, N. J., against Elizabeth O'Callahan, of this city, in the United States District Court, last week, to have the defendant restrained from making an alleged infringement of patented improvements in the making of badges said

## Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

**HAYDEN W. WHEELER & Co.,**

**TWO MAIDEN LANE, N. Y.**

Telephone, 8 Cortlandt.

50 HOLDORN VIADUCT, LONDON, ENGLAND.



to be the exclusive property of the Whitehead & Hoag Co.

Frank Van Roden and Clarence G. Van Roden, cut glass and ceramic dealers, of this city, are at the Chateau Frontenac, Quebec, Canada.

James Orr, 11 S. 9th St., helped to arrange the banquet given Friday by the Sons of St. George in honor of the coronation of Edward VII.

The annual outing of the Philadelphia Jewelers' Club, which will be fully reported next week, was given last week at Lincoln Park, on the Delaware.

Chas. F. Gysi, jeweler, 141 N. 9th St., was the purchaser of a diamond pin, worth about \$450, for \$115 from a young man who was later accused of stealing the pin, but discharged by a magistrate.

Smith & Dreer, who for many years have conducted a jewelry store at the S.-E. cor. of 10th and Arch Sts., intend to retire from the jewelry business. The stock, fixtures and goodwill of the firm are to be sold in the near future.

C. Henry Doderer, who introduced the system now used for placing monograms on pocket-books and purses, died, last week, at his home, 2117 N. Orianna St. He was employed for many years by C. F. Rump & Sons.

Charles L. Trautwein, a watchmaker who conducted a jewelry business on a small scale at 1514 Moore St., committed suicide by shooting himself at his home last Thursday. Trautwein had been suffering from insomnia for several weeks and became despondent. This was explained by the suicide in a note written to his wife as the reason for the rash deed.

### Trans-Atlantic Voyagers.

#### TO EUROPE.

Julius Wolff, New York, sailed, Thursday, on the *Fuerst Bismarck*.

John Frankel, of Jos. Frankel's Sons, left, Thursday, on *La Touraine*.

#### FROM EUROPE.

Wescott Bailey, Philadelphia, arrived, last week, on the *Kroonland*.

E. E. Robert, New York, returned, Thursday on the *Fuerst Bismarck*.

Chas. Bierig, of the Australian Opal Co., New York; H. E. Oppenheimer, of H. E. Oppenheimer & Co., New York; S. Frankel and wife, of Jos. Frankel's Sons, New York, and O. D. Wormser, of the same firm, returned, last week, in the *Kronprinz Wilhelm*.



## Comfortably Situated

as you may have been on your vacation, the time is here when you must get back to business and prepare for the Fall Trade. In order to be properly prepared, you need to have in stock some of our well known sellers. Our representative will call on you at an early date.

### HENRY FREUND & BRO.,

The Jewelry House.

DIAMONDS, WATCHES AND JEWELRY.

Elk Goods a Specialty.

9 MAIDEN LANE, N. Y.



## Sterling Mounted Glassware.

Rich Cut Glass Mounted with Silver in Art Nouveau Designs. Suitable for Weddings.

CLARET PITCHERS, LOVING CUPS,  
CORDIAL SETS, TANTALUS SETS.

Also Sterling Silver Novelties and Gold and Silver Mounted Cane and Umbrella Handles, in new and attractive designs.

Send for Assortment of Photographs and Judge for Yourself of the Rapid Selling Qualities of our Goods.

### J. F. FRADLEY & CO.,

114 EAST 14th STREET,  
NEW YORK.



TRADE MARK.

## THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE 75 CENTS.

Jewelers' Circular Publishing Co.

11 John Street, New York

# H. GATTLE,

MAKER OF

HIGH GRADE DIAMOND JEWELRY.

IMPORTER OF

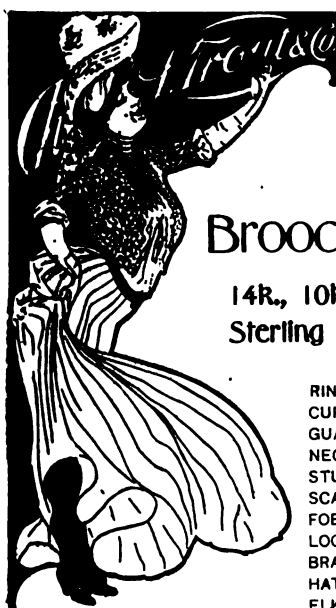
DIAMONDS AND PRECIOUS STONES,

DESIGNS AND  
ESTIMATES FURNISHED.

65 Nassau St., Prescott Bldg., New York.

MEMORANDUM  
ORDERS SOLICITED.





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**Brooches;**

14K., 10K. and Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
BRACELETS,  
HAT PINS,  
ELK BUTTONS.

**"Runaway Girl" and "Florodora"**

BASH, HAT, BROOCH AND CUFF PINS, WAIST SETS,  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**BIG SELLERS.**

CATALOGUE READY ABOUT SEPT. 1ST, OF

**Ebony, Gun Metal and Leather  
Novelties.**

**CHAS. L. TROUT & CO.,**

5 AND 7 MAIDEN LANE, NEW YORK.



**AVOID  
Business  
DISPUTES**

USE **THE HANO**

**BILLING-  
CHARGING  
SYSTEMS**

Invoices Copied While Writing:

**Invoices Copied  
While Writing**

**TIME SAVED  
MONEY SAVED**

Salesmen call anywhere promptly.

**PHILIP HANO & CO.,**  
Manifold Books and Carbon Papers,  
1 and 3 Union Square, New York.  
315 Dearborn St., Chicago.

**Canada Notes.**

R. B. Blackhurst, jeweler, of Winnipeg, Man., is dead.

The wife of J. T. Wilson, Hamilton, Ont., is dead.

Jacob Levy, of the Levy Bros. Co., Ltd., was in Montreal last week.

J. P. Meunier, St. John's, Quebec, paid a visit to Montreal last week.

M. Stevens, Montreal, has returned from a vacation spent at Chateauguay Basin.

R. J. E. Scoot, time supt. on the Canadian Pacific system, has arrived home from the west.

M. C. Ellis, of P. W. Ellis & Co., Ltd., Toronto, is still inconvenienced by a sprained leg.

C. H. A. Grant, manager of the Montreal Watch Case Co., and the M. S. Brown Co., is home again from the west.

J. T. Barlow, manager for the American Waltham Watch Co., in Canada, is leaving for a vacation to Portland and neighborhood.

George Appleby, with Henry Pearce, Jr., Montreal, has returned from Quebec, and will shortly leave for an extended journey in the west.

L. Herbert Luke, of Ambrose Kent & Sons, Toronto, accompanied by his wife, has gone on a trip to Quebec, via the St. Lawrence route.

Harris Michalson, of I. L. Michalson & Sons, Montreal, who has been making a long stay in the western business centers, is expected home again in about two weeks.

A. R. Harmon, formerly manager in Canada for the American Waltham Watch Co., and now manager in London, Eng., is expected in New York towards the end of the month.

A. A. Abbott, for many years the manager of Smith, Patterson & Co., in Canada, has left with his wife for a three-months' holiday in England and on the continent of Europe.

J. B. Strathern, Sault Ste. Marie, Ont., was in Toronto, last week, making extensive purchases in anticipation of a brisk season's trade. He has refitted his store and greatly improved his facilities.

A. M. Bilsky, formerly of the firm of M. Bilsky & Son, Ottawa, is now engaged as traveler with Mr. Goldstein, who has recently started as a jobber in Montreal, and who was formerly a partner in the firm of I. L. Michalson & Sons.

Among the delegation attending the recent annual meeting of the Canadian Manufacturers' Association, at Halifax, was T. H. Lee, Toronto, his wife and two daughters, and a son-in-law. They spent a pleasant time in Montreal en route.

Alfred Eaves, one of the oldest and most esteemed jewelry jobbers in Montreal, has retired, and will reside permanently for the future at Colorado Springs, Col. Willie Hayes, formerly a traveler for the firm, will conduct the business in the old name.

P. W. Ellis, of P. W. Ellis &

Co., Ltd., Toronto, returned from a three months' European trip on the 21st, having placed heavy orders for the Fall trade, especially in diamonds and precious stones. He was accompanied by his wife and his son.

The large number of unlicensed peddlers doing business in Montreal is causing alarm among retailers, who have to pay their business and other taxes, and the whole license by-law is to be drafted anew during the coming autumn. There are 28 persons in the city who are authorized to carry and sell jewelry, etc., but the number of unlicensed peddlers during this time of unprecedented prosperity has very greatly increased.

At the annual meeting of the Canadian Manufacturers' Association, at Halifax, W. K. McNaught, of the American Watch Case Co., Toronto, moved a vote of thanks to the retiring president, Robt. Munro. He was also elected chairman of the "Industrial Canada" committee, the organ of the association, and a member of both the tariff and Industrial Exhibition committees. P. W. Ellis, of P. W. Ellis & Co., Ltd., was elected president of the parliamentary committee and a member of the tariff committee. W. K. George, of the Standard Silver Co., Toronto, was elected a member of the Industrial Exhibition Committee. The association, which is now one thousand strong, and whose membership extends from the Atlantic to the Pacific, has succeeded in getting the government to establish a subsidized fast line between Canada and South Africa. It is also intended to send a trade representative there, and the government is urged to send commercial representatives to foreign countries of special training and experience. Already extraordinary efforts are being made to capture the West Indian trade. The Quebec manufacturers have formed a branch of the Canadian Manufacturers' Association, and 48 members have been enrolled. It is expected that in a few days the Quebec branch will number at least 75 members.

**Assets of Lord Bros. Jewelry Co. Ordered Sold at Auction.**

MILWAUKEE, Wis., Aug. 20.—The assets of the Lord Bros. Jewelry Co. are to be sold to-day by William T. Doyle at public auction, the receiver appointed by Judge Halsey on the petition of the firm's creditors.

Bids for private sale were received by the former receiver, Montgomery Ripley, and although the appraised value of the goods is said to be \$1,600, the highest bid received was but \$1,030.90.

Receiver Doyle's sale is by order of the court and the goods in the case must bring at least 80 per cent. of their appraised value.

S. S. Hyde, formerly of Amherst, Mass., has purchased a place in Williamsburg, Mass., and will remove there with his family soon.

**Fliaasof Bros. & Co.**

IMPORTERS  
AND  
JOBBERS OF

**DIAMONDS  
WATCHES  
JEWELRY**

9-11-13 MAIDEN LANE  
NEW YORK.

100 STATE STREET,  
ALBANY, N. Y.





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**T**his month's Simmons Chain magazine advertisement is one of a series that, month after month, catch the eyes of practically every watch chain buyer in the country.

These advertisements appear in the most widely circulated publications in the United States and Canada—the highest class as well as the most popular. They reach all classes of readers who want chains and can afford to buy them. It is advertising that is turning a tide of trade to your store. Be ready with a complete line of Simmons Chains to take this tide at its flood.

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**R. F. SIMMONS CO., ATTLEBORO, MASS.**





Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their conferees.

P. J. Hoefer, with M. A. Mead & Co., Chicago, Ill., left, last week, for his territory.

C. D. Stuart, traveling representative of Heeren Bros. & Co., Pittsburgh, Pa., is making a business trip through the west. A. H. Bonnett, clock salesman for the same firm, is also in the west. Emil P. Geilfuss, traveling salesman, left, early this week, for an eastern trip among the retailers of the east.

W. H. Sparks, Seth Thomas Clock Co., and J. Ira Seebacher, called on the Toronto trade, last week.

J. A. Granbery, of J. A. & S. W. Granbery, and Jacob Bunn, Illinois Watch Co., visited Chicago, Ill., last week.

Of the travelers of Edmund Eaves, Montreal, A. A. Eaves is in the eastern townships, T. Donahue is in northern Ontario, and S. Duckett is in Quebec Province.

D. A. Wilkins, Chicago, Ill., representative for Ostby & Barton Co. and J. A. Limbach; representative for Theo. W. Foster & Bro. Co., visited the trade around the belt last week.

The following travelers for eastern houses were in San Francisco, Cal., last week: Mr. Parker, Parker Bros. & Co.; D. Untermeyer, Keller & Untermeyer Mfg. Co.; N. Shiman, Shiman Bros.

Drummers visiting the Portland, Ore., trade, last week, included: Will R. Cooper, Charles L. Trout Co.; W. R. Landram, Simons Bro. & Co.; J. I. Mintin, Keystone Watch Case Co.; A. H. Cohn, Henry Froehlich & Co.

Callers on the Columbus, O., trade, last week, included: Frank N. Wilcox, International Silver

Co.; William Jaskow, Fink, Bodenheimer & Co.; Adolph Rosenthal; S. E. Hall, W. J. Johnston Co.; Mr. Casper, Mauser Mfg. Co.

The following eastern representatives were in St. Louis, Mo., recently: Julius F. Schuman, Jr., William Kinscherf; Max Arnstein, Arnstein, Bros. & Co.; Robert S. G. Edwards, Whiting Mfg. Co.; Louis Barnett, Bracher, Becker & Barnett.

Among the travelers who visited the Indianapolis, Ind., trade, last week, were: William Bosselman, T. Quayle & Co.; Alfred R. Varian, Dennison Mfg. Co.; Milton S. Rodenberg, Rodenberg & Dunn; E. L. Mumford, W. H. Bell & Co.; Harry E. Farquharson, Bliss Bros.; C. W. Edwards, Charles E. Hancock Co.; J. Aschermann, New Haven Clock Co.; E. S. Luther, F. H. Sadler & Co.; L. W. Arnold, Western Clock Mfg. Co.; Mr. Straudberg, Straudberg & Sykes; H. C. Cohn, Adolph J. Schnob; J. F. Ripley, Watson & Newell Co.; W. S. Metcalf, Plainville Stock Co.

The following representatives were in Louisville, Ky., last week: J. W. McClanin, Wilcox Silver Plate Co.; E. Cooper Stone, Jones & Woodland; J. A. Granbery, J. A. & S. W. Granbery; William G. Andrews, C. Sydney Smith; C. B. Bartlett, Whiting Mfg. Co.; James Leys, Leys, Christie & Co.; Emanuel Jacobson, Jacobson Bros.; L. Strauss, H. H. Curtis & Co.; Lucian Rockwell, Poole Silver Co.; Jul. F. Schuman, Jr., William Kinscherf; Louis Barnett, Bracher, Becker & Barnett; J. Dean, Reed & Barton; H. C. Walsh, Sansbury & Nellis; Jerome Bernheim, Woodside Sterling Co.; M. L. Barnard, J. B. Bowden.

Representatives of eastern houses who called on the St. Paul and Minneapolis, Minn., trade, during the past week, included W. B. Young, Currie & Co.; Ferguson Mead, Barbours Silver Co.; H. A. Bliss, Kremenitz & Co.; G. H. Remington, Waite, Mathewson & Co.; representative of the Standard Optical Co.; W. A. Peck, O. W. Bullock & Co.; Frank Shinn, C. L. Trout & Co.; H. G. Schramm, Schrader-Wittstein Co.; Mr. Mayer, Powers & Mayer; O. H. Hull, Pairpoint Corporation; I. W. Smith, Horton, Angell Co.; Mr. Boice, White & Major; Fred L. Pettee, Waterbury Clock Co.; J. A. Granbery, J. A. & S. W. Granbery; E. E. Stockton, E. Ingraham Co.

Among the representatives of wholesale houses who recently visited the trade in Detroit, Mich., were the following: A. E. Alexander, International Silver Co.; S. C. Powell, S. C. Powell & Co.; William Matschke, F. & F. Felger and A. Joralemon & Son; Mr. Schwarzkopf, Schwarzkopf & Dorer, Ltd.; J. R. Kirkpatrick, Joseph H. Fink & Co.; William Hanover, William Demuth & Co.; William G. Andrews, C. Sydney Smith; Samuel J. Loeb, Geissler & Krut, Henry E. Oppenheimer & Co.; Gustave Fox Co.; Pitzle & Baschkopf; William Kinscherf, Jr., William Kinscherf; C. B. Bart-

lett, Whiting Mfg. Co.; W. H. Gregory, Strobel & Crane; E. Cooper Stone, Jones & Woodland; L. Strauss, H. H. Curtis Co.

Among the representatives of the jobbers in Pittsburgh, Pa., last week, were the following: Nat Wolf; F. H. Cutler & Co.'s representative from North Attleboro; F. V. Ettlinger, Louis Ettlinger & Son; S. C. Howard, Dominick & Haff; H. Higham, Alling & Co.; H. D. Cretcher, Hayden W. Wheeler & Co.; Jerome C. Adler; J. Williams, G. Arseny; Harry B. Kennion, Parks Bros. & Rogers; E. H. Cummings, J. F. Sturdy's Sons; W. T. Sherman, S. K. Merrill & Co.; F. V. Kenion, John T. Mauran Mfg. Co.; Charles W. Hempel, Sandland, Capron & Co.; Mr. Schwarzkopf, Schwarzkopf & Dorer, Ltd.; M. Kohn, Silbermann & Co.; Lewis L. Squire; F. H. Cutler & Co.; F. R. Sheridan, Arnold & Steere; C. C. Offerman, William Smith & Co.

The following traveling representatives of eastern houses were in Kansas City, Mo., last week: G. S. Titus, G. A. Webster; M. W. Smith, S. B. Champlin Co.; Thomas E. Rogers, Riker Bros.; L. M. Frank, L. Weil & Sons; Walter S. Strauss, Jacob Strauss & Sons; E. O. Baumgarten, M. F. Bagen & Co.; Frank B. Lawton, Untermeyer-Robbins Co.; Mr. Sichel, C. P. Goldsmith & Co.; C. A. Garlick, Charles F. Wood & Co.; H. E. Cobb, Daggett & Clap Co.; Fred J. Foster, Unger Bros.; G. A. Jewett, Hamilton & Hamilton, Jr.; K. H. Clarke, Towle Mfg. Co.; Walter S. Noon, W. F. Cory & Bro.; N. S. Volk, N. H. White & Co.; F. D. Newborger, R. Blackinton & Co.; J. Price, Louis Strasburger's Son & Co.; Charles E. Bunker, Whiting & Davis; William Barker, R. Wallace & Sons Mfg. Co.; H. A. Bliss, Kremenitz & Co.; L. E. Smith, W. B. Bryant & Co.; C. P. Young, William B. Kerr & Co.

#### Fight to Extradite Strauss, Charged with Swindling Ohio Jewelers.

Morris Strauss, whom the police say is known as Jack Underhill, alias Joseph Granckopf, is under arrest in New York awaiting the outcome of the fight for his extradition to Ohio, now being made at Albany.

Strauss is said to be the man who operated a swindling game at Youngstown, O., a few weeks ago. The information against him is furnished by Henry Harris, said to be the local agent of Strauss, who was placed under arrest a month ago. Harris had been going under the name of Granckopf, but when arrested he claimed that he was a dupe. He himself swore out a warrant against Strauss, alias Underhill, alias Granckopf, and the police released him at the end of three weeks.

When Strauss was arrested, Governor Nash of Ohio made application for the extradition of Strauss, claiming that he had obtained jewelry and other goods in Ohio to the value of \$10,000 on false pretenses.

At the preliminary hearing on the extradition, held Saturday, at Albany, Governor Odell said, in view of the fact that an application had been made by the governor of Ohio for Strauss's extradition, he felt obliged to grant it. William Grossman, of House, Grossman & Voorhaus, defended Strauss, and says he will appeal the case, if necessary, and have his client remain here. He declares that the Ohio authorities are entirely on the wrong track and that Strauss is neither Underhill nor Granckopf.

Strauss was arrested a year ago in New York on a charge of grand larceny. He was discharged at the preliminary hearing in the Police Court. His picture, however, is in the Rogues' Gallery.

The H. T. Cushman Mfg. Co., Birmingham, Vt., has recently begun the manufacture of clocks.

**Ours**  
Is a general line of  
**Jewelry**  
and **Rings**

**Why can we**  
**Undersell?**  
**It's dead easy.**

The volume of business done with a general line tells the story.

What jeweler is there who could not do twice, yes, three times as much business with very little extra expense? If you double your sales can you not afford to take a less percentage of profit?

It's this lower percentage of profit that makes the goods cost you less. Ours are not cheap, shoddy goods. Our Prices, everything considered, are the lowest. Our goods are up-to-date sellers. Address all mail to New York office, Nineteen Maiden Lane.

**M. J. AVERBECK, Manufacturer,**  
**NINETEEN MAIDEN LANE, NEW YORK.**



ESTABLISHED 1869.

OLDEST PUBLICATION IN THE TRADE.

# The Jewelers' Circular-Weekly

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**ALL THE NEWS OF THE TRADE**


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FRESH, FULL, ACCURATE, RELIABLE.

20 VALUABLE DEPARTMENTS BEARING UPON EVERY BRANCH OF THE JEWELRY INDUSTRY.

SUBSCRIPTION, ONE YEAR, 52 ISSUES, \$2.00.

**A WORK OF TRUE VALUE.**

## Practical Course in Adjusting.

Comprising a review of the laws governing the motion of the balance and balance spring in watches and chronometers, and application of the principles deduced therefrom in the correction of variations of rate arising from want of isochronism, change of position and variation of temperature. To which have been added chapters on How to make a Balance Arbor with Modern Appliances; How to Clean a Watch Properly; and, the Lever Escapement—Some Current Defects in it and How to Remedy Them.

By THEO. GRIBI.

PRICE, \$2.50.

**MULTUM IN PARVO.**

## Workshop Notes

FOR JEWELERS AND  
WATCHMAKERS.

A collection of the latest practical receipts on the Manufacture and Repairing of Watches and Clocks, and on the various processes entering into the Manufacture and Repairing of Jewelry.

Third Edition, 305 pages,  
Bound in Cloth.

PRICE, \$2.50.

**A MOST USEFUL BOOK.**

## Trade Marks

OF THE JEWELRY AND  
KINDRED TRADES.

A complete collection of illustrations of marks, registered and unregistered, used by manufacturers and dealers of jewelry and kindred wares, also much valuable information relating to trade marks and silver stamping laws, and historical articles.

Over 2,250 Marks,  
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Comprising 44 pages, 10 x 13 inches, each page containing 48 monograms, six different styles, all susceptible to combinations. Most useful book for engravers.

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## Vest Pocket Buyers' Directory

of the Manufacturers, Jobbers and Importers in the Jewelry and Kindred Trades.

Thoroughly classified and conveniently arranged for reference.

Complete, Compact,  
Handy.

PRICE, 50 CENTS.

## The Jewelry Repairer's Handbook.

A most comprehensive collection of receipts for the repairing of jewelry, intended mainly for those who have learned their trade in stores and who desire to know the best and latest methods employed in jewelry repair shops.

By J. G. KEPLINGER.

PRICE, 75 CENTS.

**IN PREPARATION.**

## Encyclopedia- Dictionary and Reference Handbook of the Ophthalmic Sciences.

Giving elaborate definitions and discourses on all technical terms entering into Optometry and Ophthalmology.

By R. H. KNOWLES, M. D.

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### The Jewelers' Circular Publishing Co.,

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SEND FOR DESCRIPTIVE CIRCULARS, AND CATALOGUE OF OTHER BOOKS.



### Creditors File Involuntary Petition in Bankruptcy Against C. D. Ruggles.

BUFFALO, N. Y., Aug. 22.—An involuntary petition in bankruptcy was filed yesterday in the United States District Court against Cornelius D. Ruggles, a jeweler at 563 Main St. The petition was filed by several of Mr. Ruggles's creditors, among whom is the C. H. Eden Co., North Attleboro, Mass.

In addition to his jewelry business Mr. Ruggles was engaged in the cigar business under the name of the Progressive Cigar Store.

In speaking of the petition against him, Mr. Ruggles said that his trouble was due to losses through endorsements, and also that he was handicapped through his connection with the firm of Knowles & Gardener, which recently failed. Mr. Ruggles claims that his cigar concern was not affected by the petition, which only applied to the jewelry business, but he expects to make a settlement to the full satisfaction of his creditors.

### Baltimore Sterling Silver Co. Recovers Large Quantity of Stolen Silverware.

BALTIMORE, Md., Aug. 23.—Ernest A. Brown, an old and trusted employe of the Baltimore Sterling Silver Co., 17 N. Liberty St., has just been taken into custody, charged with a long series of thefts from the company.

Detectives discovered a lot of silverware in the store of Albert Butler, colored, 410 Druid Hill Ave., which the latter had received from Brown. Other articles of silverware, including seven silver butter

dishes, 24 tablespoons, six forks and six teaspoons, were afterwards discovered when Butler's establishment was searched. In a saloon on Mercer St. were found, wrapped in a bundle, two tea strainers, one pair of pepper casters, a ladle, six teaspoons, six tablespoons, six dessert spoons and six forks, all solid silver and valued at \$80.

A store on Montgomery St., in South Baltimore, yielded three dozen bone handle knives, one dozen silver knives, one dozen silver forks, three dozen silver tablespoons, one dozen silver teaspoons, six dessert spoons, two butter knives and one large bone handle carving knife and fork. The entire value of the articles recovered is estimated at over \$300.

### L. M. Keen Suffers a Paralytic Stroke.

SCRANTON, Pa., Aug. 21.—L. M. Keen, jeweler, at 1121 Jackson St., was stricken with paralysis recently at the residence of Mrs. Mills, on Delaware St., Green Ridge, where he had gone to attend a cottage prayer meeting.

Mr. Keen had been previously reading from the Scriptures and had been listening to others for about 10 minutes when he was heard to make a guttural sound and noticed to beckon some one to him. It was then discovered that he was stricken with paralysis and was almost speechless. He was later removed to his home on Jackson St.

This week he is considerably improved and converses with those who call to see him. Mr. Keen's many friends hope for a speedy recovery.

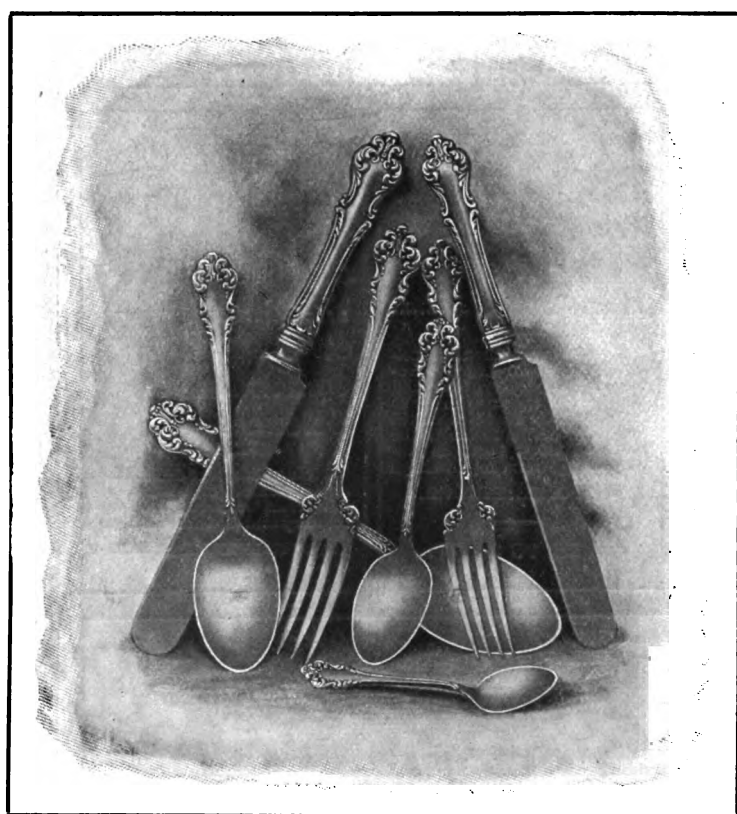
### Dishonest Elevator Man Convicted Of Grand Larceny.

Archibald Vivian, the elevator man in the Jewelers' Building, 13 Maiden Lane, New York, who was arrested Aug. 9 at Baltimore, charged with stealing 265 gold rings from New York jewelers, was convicted of grand larceny in Part I in the Court of General Sessions in New York, Friday, and sentenced by Judge Foster to five-years' imprisonment.

The rings taken by Vivian included 225 from Kautzmann & Sussfeld, on the 15th floor, and 20 rings from Warren & Williams, on the 10th floor of the Jewelers' building.

Full details of this robbery were published in THE CIRCULAR—WEEKLY Aug. 13. Vivian was immediately suspected of having committed the theft, as he gave up his position and disappeared in haste. His arrest, which occurred in Baltimore, was due to his suspicious actions, and his identity was not discovered until after he was taken into custody. He was trying to dispose of a number of rings whose possession he could not account for. Most of the property was recovered by the firms. Vivian was said to have committed the robbery to obtain money with which to marry. Two days before his sentence he was married.

An evident attempt to deceive the public and obtain a benefit by the use of a name for which another has established a reputation will be enjoined. (73 N. Y. S. Rep. 547.)



"ONEIDA COMMUNITY QUALITY."

"MORE THAN TRIPLE PLATE."

## "ONEIDA COMMUNITY QUALITY."

FOUNDED IN 1848.

**J**EWELERS who carry the new "Oneida Community Quality" Spoons, Forks and Knives will have goods which are warranted to wear for a lifetime, and will be able to sell at lower prices than such quality has ever retailed for before. They will find their own profit carefully and liberally provided for, and reap the benefit of an extensive advertising campaign which we have just begun. Write for Catalogue and free Illustrated Booklet "About Oneida Community."

Address,

ONEIDA COMMUNITY,  
NIAGARA FALLS, N. Y.



**The Antwerp Ivory Market.**

ANTWERP, Aug. 14.—The third quarterly ivory sale closed July 30, 1902, the ivory offered and sold being:

Kongo:	Pounds.
Hard .....	100,729.3
Soft .....	7,405.3
Angola .....	34,786.4
Kamerun .....	8,850
Ambriz .....	2,873.2
Gaboon .....	422.4
Gold Coast and Senegal .....	1,104.4
Benguela and Abyssinia .....	314.6
Hippopotamus tusks .....	88.6

Total .....

156,574

Previous sales for corresponding periods have shown:

	Pounds.
1901 .....	158,855.4
1900 .....	170,937.8
1899 .....	160,307.6
1898 .....	78,229.8

The sale was animated and the advance in price for tusks of all weight was from 20 to 40 cents. The market for bangles was very firm and the fine lots were sold at from 10 to 20 cents above former prices. Tusks for billiard balls were firm and sold at an increase of 20 cents, save soft tusks, for which the increase was 60 cents. The market for scrivilles was rather irregular, generally falling from 10 to 20 cents.

The stock on hand amounts to 298,597 pounds, against—

	Pounds.
1901 .....	279,400
1900 .....	209,000
1899 .....	224.4
1898 .....	174,264

The next quarterly auction sale will take place Nov. 4, 1902.

**Death of M. Boucheron.**

A cable dispatch to this country from Paris, Wednesday, announced the death of M. Boucheron, the leading jeweler of Paris and one of the most prominent members of his trade in Europe. Mr. Boucheron, who was 71 years old, died Aug. 19 at his apartment, 47 Avenue du Bois de Boulogne.

Mr. Boucheron was a Commander of the Legion of Honor and his store on the Rue de la Paix was one of the best known establishments in Paris. Mr. Boucheron was an authority on gems and had an international trade.

**Jeweler Seeks Injunction Against Electric Railway.**

HARRISBURG, Pa., Aug. 25.—C. Ross Boas, a Market St. jeweler, has applied at Carlisle for an injunction restraining the West Fairview and Marysville Electric Railway Co. from proceeding with the construction of its line along his property, about one mile south of Marysville.

Mr. Boas insists upon the company laying its tracks on the far side of the road by his Summer home, but the company wants to place them on the near side.

**Reported Discovery of a Diamond in Indiana.**

NASHVILLE, Ind., Aug. 20.—A diamond find was reported here from Hamblen township, where it is said that Levi Harrison, a farmer, picked up a valuable stone on a creek near his farm. That the stone is a diamond has not yet been verified, but Mr. Harrison intends to take it to Indianapolis and have the crystal examined by some jewelers in that city.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Kremetz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

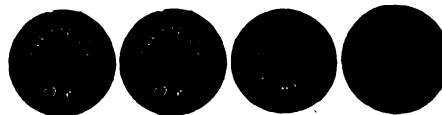
To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Kremetz & Co., 40 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Kremetz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

Quality and Construction have made our  
reputation.

All Kremetz Collar Buttons are Manufactured by

## KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.



# THE "IRIAN" PATTERN

A dainty new service of  
Flatware in sterling silver.

**Made in Eng**

Catalog and Price L  
will be sent to t



TEA SPOON

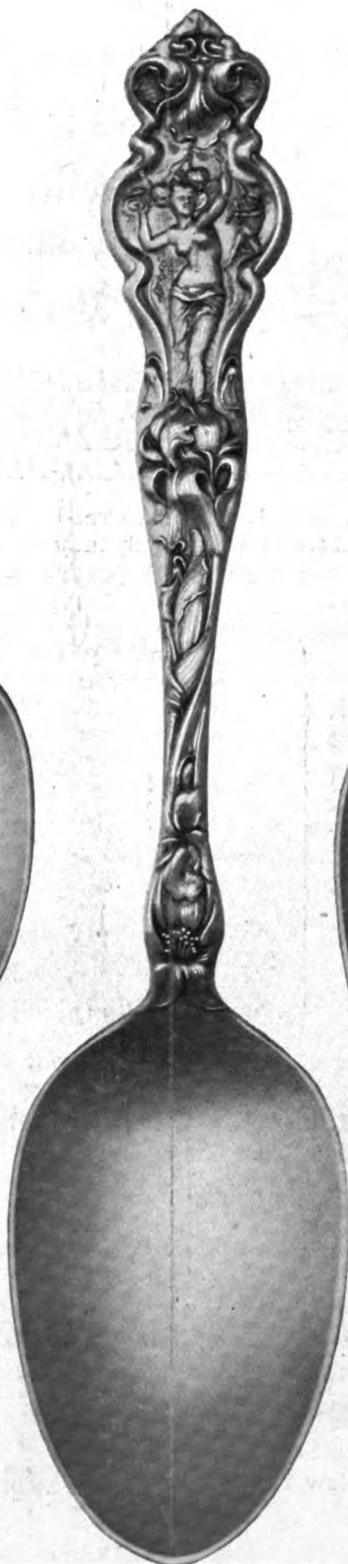


TABLE SPOON.



DESSERT SPOON.



SUGAR SHELL.



TEA SPOON.  
(REVERSE)



*R. Wallace*

Silversmiths.

*New York.*

*Chica*



# THE "IRIAN" PATTERN

Seven Pieces.

being prepared and  
then completed.

Charming in design and of  
exquisite workmanship.



MEDIUM BUTTER  
KNIFE.



BUTTER KNIFE,  
LARGE.



INDIVIDUAL  
SALAD FORK.



DESSERT FORK.



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Factories: Wallingford, Conn.

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# WALTHAM WATCHES.

16 Size, S. W., '99 Model, Pendant Setting.

HUNTING OR OPEN FACE.

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**RIVERSIDE MAXIMUS, Nickel;**

21 Diamond and Ruby Jewels; Two Pairs Diamond Caps; Both Balance Pivots running on Diamonds; Raised Gold Settings; Jewel Pin Set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Accurately Adjusted to Temperature, Isochronism and Five Positions, and Carefully Timed; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Gold Train; Fine Glass Hand-Painted Dial of Most Modern and Artistic Design. The superior construction of this movement adapts it to the most exacting service.

**RIVERSIDE, Nickel;**

17 Fine Ruby Jewels; Raised Gold Settings; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Adjusted to Temperature and Three Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**ROYAL, Nickel;**

17 Jewels; Red Gold Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**No. 630, Nickel;**

17 Jewels; Red Gilded Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 620, Nickel;**

15 Jewels; Red Gilded Settings; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring; Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 610, Nickel;**

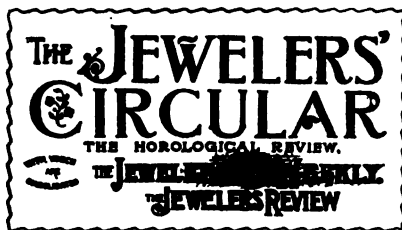
7 Jewels; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring, Hardened and Tempered in Form; Tempered Steel Safety Barrel; Exposed Winding Wheels.

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**AMERICAN WALTHAM WATCH CO.,  
WALTHAM, MASS.**





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THE JEWELERS' CIRCULAR PUB'G CO.,

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**THE Monthly**  
**The Imports and Exports for 1902.** Summary of Commerce and Finance of the United States for June, recently issued by the Bureau of Statistics of the Treasury Department at Washington, contains also the statistics of imports and exports of the year ended June 30 and a review of the foreign commerce of the United States for the fiscal year of 1902.

According to the figures shown, the foreign commerce of this country for the fiscal year just ended was larger than in any year in its history, with the exception of 1901. Compared with 1901 there was a reduction of about \$106,000,000 in exports and an increase of \$80,000,000 in imports. The reduction in exports is credited to be due chiefly to the shortage in the corn crop, the reduction in the price of cotton and the unusual home demand for iron and steel, while the increase in imports is chiefly due to the larger demand for foreign material in use in domestic manufacturing. The figures of the manufactures in the jewelry trade are interesting and show an increase in the imports of watches and clocks and of jewelry and precious stones, while the exports of these articles are above the normal figures.

Briefly, the value of the clocks imported during the year was \$458,890, as against \$359,146 in 1901 and \$344,440 in 1900, while in watches and parts thereof there were imported \$2,001,434 last year, as against \$1,679,093 in 1901, and \$1,406,111 in 1900. In importations of precious stones, jewelry and manufactures of gold and silver, the fiscal year of 1902 shows the largest figures on record, the total being \$25,990,570, as against \$24,216,407 in 1901 and \$17,783,076 in 1900. Of these figures the totals of jewelry and manufactures of gold and silver show a slight decrease, the amount being \$2,642,345 for 1902, \$3,790,671 for 1901, and \$3,545,890 for 1900.

The export figures show that we sold \$1,146,381 of clocks to foreign countries for 1902, as against \$1,296,222 in 1901, and \$1,190,074 in 1900, while the exports of watches and parts was \$998,169 in 1902, \$1,004,529

for 1901, and \$787,620 for 1900. The exports of jewelry and manufactures of gold and silver show a slight increase, the figures being \$1,069,056, as against \$1,017,831 in 1901, and \$892,327 in 1900.

The deductions to be drawn from the figures of importation, particularly the great increase in the value of precious stones brought in, must necessarily be of the most favorable character as, unlike most industries, the importations in this line in no way affect the American manufacturer, except to indicate to him the prosperous condition of trade generally.

#### Advice to American EXPORTERS. MANUFACTURING jewelers who contemplate developing and increasing their export business will find, by a careful study of the subject, that in addition to being able to turn out the right kind of goods at the proper prices, there are other elements relating to the marketing of the goods, which are most important factors in making the export business a success.

In this connection there will be found some valuable advice in the following statements which were voiced last week by one of the best posted men in the consular service of the United States.

"It cannot be too often impressed on American exporters that it is necessary for them, in a sense, to follow their goods into the markets they seek. We have so long been excluded from the world's markets, or have entered them only through the introduction of the merchants of other countries, that exporters seem to have gained the impression that the only thing needful to be done is to get their goods ashore and leave them to be converted into cash by some mysterious process of abandonment. This is a great mistake. Not only must our exporters take special pains to know the reliability of firms with which they deal, but they should study the market and the character of the consumers of their goods and how they may be reached, and, finally, should insist of carefully worded contracts and sufficient guarantees.

"Successful exportation means something more than merely sending goods abroad; it means not merely finding a market, but developing and holding it. Anybody can ship goods across the sea, but only one who studies actual conditions, not only of cost, but of sale and consumption, will become a successful exporter. The theory that mere excellence, or excellence according to a particular standpoint, will secure and hold a market, is not true. In the United States, where every one is on the *qui vive* for new things, this theory may be correct. In other countries it is not. The consumer must be studied as well as the dealer, the country as well as the market, the people as well as reports. American commerce, if it is to hold the ground it has so suddenly gained through well-deserved success in certain lines, must not neglect the fact that there is a vast difference between the marketing of the necessities of life or the essentials of transportation—where only a few minds and those of superior character are to decide the

question of comparative excellence—and those articles which depend for sale upon the approval of the masses."

#### Demand For American Watches At Havre, Reported by United States Consul.

WASHINGTON, D. C., Aug. 21.—A. M. Thackara, the American consul at Havre, has contributed to the State Department an interesting report on the subject of Havre-American trade, in the course of which he says that low-priced American watches, which for excellence have made such an enviable reputation throughout the world, are meeting with a formidable competition in France from the imitation watches manufactured in France and Switzerland. Watches which sell for \$1 retail in the United States are copied outright. As to the higher grades, which are sold in this country at from \$5 to \$10 retail, movements are bought in Switzerland by watch dealers, the filled gold and other cases in France, Switzerland and Germany, assembled, and sold as American watches. It appears to the consul that if our manufacturers would have live Yankee salesmen on the ground, they would soon learn these tricks of the trade, and some means would be devised to overcome this kind of competition.

According to Mr. Thackara, foreign watch manufacturers enjoy the following advantages:

First. They have drummers who are constantly canvassing the country, while American commercial travelers are seldom seen.

Second. Foreign watches are admitted into France under the minimum tariff, while American watches have to pay the maximum tariff, which for watches in cases not gold or silver is 38.6 cents each and 48.25 cents each, against 9.65 cents and 14.50 cents each.

Third. Foreign manufacturers always extend 90 days' credit, while the Americans draw against bill of lading.

The consul concludes his report with the following significant statement:

"In France, and perhaps in the whole of Europe, it is safe to say that there are not over 50 of our manufacturers or manufacturing concerns which are as well represented and as well organized for the exploitation of their wares as they are in their home markets. Under these conditions, the great strides which the United States has made in its export trade in manufactured goods in the last five years are marvellous, and are a flattering testimonial of the excellence and economy of our products. The export statistics will show still better results when more of our manufacturers realize that there is a large and lucrative foreign trade awaiting them, but which they can only secure by extending to foreign markets the same intelligent methods now being used in the United States for placing American-made goods before the American consumers."

Where one loans money to another, to be used in a business enterprise, the lender to receive part of the net profits in consideration of the loan, the lender, as to third parties, will be held a partner in the business. (64 S. W. Rep. 1007.)



**Last Week's New York Arrivals.**

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of \$10. (payable in advance) a daily list will be furnished, during the fall season (ending Dec. 10), at the offices of those desiring this service.

ABINGDON, VA., W. G. Hagy, Raleigh.  
 ALTOONA, PA., C. R. Fluke, Broadway Central.  
 BALTIMORE, MD., H. Greenebaum (M. Goldenburg), Grand.  
 E. B. Hutzler (Hutzler Bros.), Herald Square.  
 BELOIT, WIS., A. L. Howard, Broadway Central.  
 BUFFALO, N. Y., H. Schneider, Imperial.  
 W. T. Aitken (Flint & Kent), Albert.  
 CALDWELL, O., D. Friedman, Hoffman.  
 CANTON, O., O. M. Dueber, Imperial.  
 CHATTANOOGA, TENN., J. A. McLeod (D. B. Loeman & Co.), Vendome.  
 CHICAGO, ILL., Miss R. Merebaum (Mandel Bros.), Holland.  
 W. D. Turner (Turner Bros.), Broadway Central.  
 W. J. Young (Cole & Young), Broadway Central.  
 DENVER, COL., H. F. Gottesleben, New Amsterdam.  
 DES MOINES, IA., H. V. Becker (Yunker Bros.), 55 Franklin St.  
 DETROIT, MICH., C. W. Bieber (W. H. Elliot & Co.), Navarre.  
 G. L. Foex (J. Sparling & Co.), Earlington.  
 DUBLIN, GA., C. H. Kittrell, Broadway Central.  
 DUNKIRK, N. Y., J. W. Ware, Continental.  
 EVANSVILLE, IND., Geo. Robinson (Hennessy, Robinson Co.), Cadillac.  
 A. Bitterman (Bitterman Bros.), Hoffman.  
 FALL RIVER, MASS., M. J. Dillon (R. A. McWhirr Co.), St. Denis.

FREMONT, NEB., H. D. Dunning, Broadway Central.  
 GREENSBORO, N. C., M. Schiffman, Broadway Central.  
 GRAND RAPIDS, MICH., Mrs. C. Waters (M. Friedman & Co.), Herald Square.  
 A. Preusser, Murray Hill.  
 HIGH POINT, N. C., A. P. Staley, Broadway Central.  
 HUNTINGTON, W. VA., H. J. Homrich, Imperial.  
 INDIANAPOLIS, IND., C. L. Piper (H. P. Wasson & Co.), Girard.  
 S. S. Kiser, Herald Square.  
 JACKSONVILLE, FLA., J. H. Crosby (Greenleaf & Crosby), 180 Broadway.  
 KNOXVILLE, TENN., H. J. Cook, 2 Maiden Lane.  
 LOUISVILLE, KY., L. Lewis (J. C. Lewis Co.), St. Denis.  
 MACON, GA., L. O. Stevens, Astor.  
 MARSHALL, MICH., H. A. Hulett (H. C. Hulett & Son), 210 W. 44th St.  
 MAYFIELD, KY., B. C. Bowden, Broadway Central.  
 MERIDIAN, MISS., H. G. Meyer, Vendome.  
 J. T. Moore, Marlboro.  
 MINNEAPOLIS, MINN., E. Olsen, Continental.  
 MOLINE, ILL., C. J. Josephenson, Navarre.  
 MONTREAL, QUE., W. M. Birks (Henry Birks & Sons), New Amsterdam.  
 NATCHEZ, MISS., Carl Lehman (Carl Lehman & Sons), Premier.  
 Sidney D. Lehman (Carl Lehman & Sons), Premier.  
 NEW ORLEANS, LA., C. E. Adler, Girard.  
 NORTHAMPTON, MASS., R. A. Davis, Grand Union.  
 PEKIN, ILL., J. F. Kaylor (Steinmetz & Kaylor), Park Avenue.  
 PHILADELPHIA, PA., J. A. Caldwell, Cadillac.  
 A. Diesinger, Astor.  
 J. M. Parker, Jr., St. Denis.  
 J. Wilson (John Wanamaker), Grand.

PINE BLUFF, ARK., E. C. Arnold (Arnold Bros.), Bartholdi.  
 PITTSBURGH, PA., A. J. DeRoy, Manhattan.  
 James Kunkel (Kunkel D. G. Co.), Herald Square.  
 PITTSFIELD, MASS., W. H. MacInnes (Kennedy & MacInnes), Normandie.  
 PORT JERVIS, N. Y., G. F. Farnum, Westminster.  
 PROVIDENCE, R. I., J. F. Leary (O'Gorman Co.), Herald Square.  
 ROCHESTER, N. Y., H. E. Kirstein, Victoria.  
 SALEM, MASS., W. G. Hussey (Hussey, Hyde & Co.), Park Avenue.  
 SELMA, ALA., J. Hirschfeld, Astor.  
 SHREVEPORT, LA., J. Hutchinson, St. Denis.  
 SPRINGFIELD, ILL., E. Armbruster, Broadway Central.  
 ST. LOUIS, MO., J. T. Boland, Gilsey.  
 Miss Dillon (D. Crawford & Co.), 115 Worth St.  
 ST. PAUL, MINN., T. A. Upham, Park Avenue.  
 SYRACUSE, N. Y., G. O'Hara (D. McCarthy & Sons), Herald Square.  
 TITUSVILLE, PA., C. E. Price (Price & Landas), Earlington.  
 UTICA, N. Y., J. C. Miser (A. S. & T. Hunter), Navarre.  
 WHEELING, W. VA., C. M. Hancher, Marlboro.  
 S. K. Frank (H. Frank & Sons), Herald Square.  
 WILLIAMSPORT, PA., I. W. Mussina, Westminster.  
 WINNIPEG, MAN., C. N. Andrew, Normandie.  
 YAZOO CITY, MISS., T. A. Mauch, Broadway Central.  
 WASHINGTON, D. C., M. Goldsmith, Grand.

**Importations at the Port of New York.**

Weeks Ended Aug. 23, 1901, and Aug. 22, 1902.

	1901.	1902.
<b>China, Glass and Earthen Ware:</b>		
China .....	\$83,527	\$134,844
Earthen ware .....	10,655	23,025
Glass ware .....	23,728	41,731
Optical glass .....		169
<b>Instruments:</b>		
Musical .....	18,008	15,200
Optical .....	6,390	11,046
Philosophical .....	5,579	3,491
<b>Jewelry, etc.:</b>		
Jewelry .....	25,801	29,004
Precious stones .....	352,444	789,446
Watches .....	28,133	30,555
<b>Metals, etc.:</b>		
Bronzes .....	612	2,015
Cutlery .....	64,085	25,086
Dutch metal .....		1,365
Platina .....	48,396	25,436
Plated ware .....	167	496
Silverware .....	939	544
<b>Miscellaneous:</b>		
Alabaster ornaments .....	822	191
Amber .....	66	7,727
Beads .....	3,538	4,946
Clocks .....	4,458	2,732
Fans .....	6,020	4,654
Fancy goods .....	7,668	7,489
Ivory .....	20,854	68,892
Ivory, manufactures of....	173	2,097
Marble, manufactures of...	11,544	28,883
Statuary .....	1,399	4,899

**Jewelers' Gold Bars Withdrawn and Exchanged.**

Week Ended Aug. 23, 1902.

The U. S. Assay Office report:  
 Gold bars exchanged for gold coin....\$278,148.29  
 Gold bars paid depositors..... 58,924.86

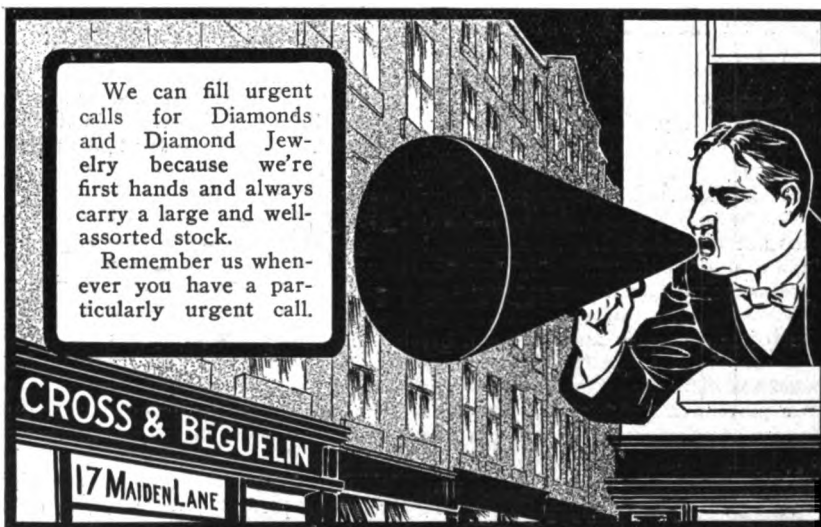
Total .....\$337,073.25  
 Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:  
 Aug. 18.....\$46,663.96  
 " 19..... 30,979.74  
 " 20..... 46,687.01  
 " 21..... 62,111.64  
 " 22..... 61,128.44  
 " 23..... 25,627.60

Total .....\$278,148.29

# URGENT CALLS!

We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.



## CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

88 Rue de Meslay, PARIS

Telephone, 2183 Cortlandt

17 Maiden Lane, NEW YORK



**New York Notes.**

E. H. Matthey has moved from 64 Nassau St. to finer quarters at 83 Nassau St.

Elmer E. Sanborn, 246 W. 125th St., is spending the Summer at Shelter Island.

A judgment for \$86.70 against Arthur W. Jaffray in favor of the Gorham Mfg. Co., was satisfied Saturday.

Adolph Chasen, 2477 Eighth Ave., is having his establishment renovated. The store has been painted inside and out.

The Van Vliet Latz Co., formerly Chas. L. Van Vliet, of 41 Maiden Lane, has moved to new offices at 434-438 Broadway.

Hermacems Spirits, 1812 Amsterdam Ave., announces that he is going to sell out his store and look for a new location outside of New York City.

R. W. Squier, representing the Self-winding Clock Co., of Bristol, Conn., was in New York, last week, demonstrating the qualities of his firm's patent.

I. Castagnetta & Son have moved from 20 Maiden Lane to 51 Maiden Lane, room 58, where they will have better facilities for satisfying the increasing demands of their business.

The report that Charles F. Knapp had sold the six-story office building on plot 43 x 120, at 41 and 43 Maiden Lane, to Philip Horowitz, has been denied absolutely by Mr. Knapp. He admits, however, that negotiations for the sale of the property are under way.

Charles N. Gray, head of the collection department of the Jewelers Association and Board of Trade, left, Wednesday, for a two weeks' vacation in the Adirondacks. D. L. Safford, secretary of the association, returned last week from a three weeks' vacation at Asbury Park and Niagara Falls.

Rumors of a mysterious necklace seizure from a wealthy passenger, who arrived last week on the Kronprinz Wilhelm, have been current in New York the last few

days. The seizure is said to have been made by Special Treasury Agent Throbold, who learned of the purchase of the necklace abroad.

A slight fire occurred last week in the office of Jacob Mintz, a dealer in watch-making supplies, at 125th St. and Park Ave. Mintz was using an alcohol lamp while cleaning tools. On the floor near the lamp was a can of benzine. The combination was too strong, and the lamp exploded, setting fire to the other office fixtures.

The volume of diamond and precious stone importations still continues to increase. Up to Wednesday more than \$2,000,000 worth had passed through the Appraiser's Stores during the month. This record surpasses all previous statistics. The total importations for seven months and a half of this year amount to \$16,250,000.

Henry Harris, a salesman for the Ansonia Clock Co., who lived at Brantford, Ont., died Friday night of heart disease in the café of the Hotel Westminster, 18th St. and Irving Place. Harris was sitting quietly at a table when he suddenly gasped and fell to the floor. He died before the arrival of a physician, who was hurriedly summoned.

Otto Roubicek and James A. Zobel, composing the firm of Raubicek & Zobel, importers of Bohemian glass and jewelry novelties at 41 W. 24th St., were discharged from their debts in bankruptcy, Wednesday, by Judge Adams in the United States District Court. The liabilities of the firm were \$21,820, and the nominal assets \$26,318. A dozen of the creditors were jewelers.

John Shakespeare, an expert jeweler and watchmaker of Nyack, N. Y., was struck by a train on the Northern Railroad of New Jersey at South Nyack, Sunday evening, and was instantly killed. Mr. Shakespeare was born in England nearly 80 years ago. A year ago he celebrated the 50th anniversary of his wedding. He is survived

by his widow, two sons and three daughters.

A lighted match thrown carelessly on a broom in the rear of the jewelry store conducted by James J. Haag at 6 Cone St., Orange, N. J., last week, caused a slight loss by fire. Further damage was prevented by Harry Kloebe, who discovered the blaze in time. Mr. Haag had closed the store about 10 o'clock, and was on his way home when he heard the fire alarm.

Rudolph Richter, a diamond broker, and Miss Ada McAdam narrowly escaped from drowning at Babylon, L. I., last week. Richter was swimming far from shore, and Miss McAdam attempted to follow, when she got beyond her depth and sank beneath the surface. Richter tried to save her, and she became frenzied. Both were drowning when Irving Smith, the bathing master, saved them.

Many large retail jewelers declare that the volume of business of the past two months has never been preceded for July and August. Some of the members of large stores on 125th St. in Harlem and on Sixth Ave. have been unable to get away for a few days' vacation. They say the heavy buying at this time of the year argues very prosperous times, and they expect a large Christmas trade.

The outing and picnic of New York Local Union No. 1 of the International Jewelry Workers' Union, held Saturday afternoon and evening at Zeltner's Morrisania Park, Third Ave. and 170th St., was a grand success. The features of the programme were the ladies' egg race and the bowling contests. In both events much interest was shown and rivalry was keen. The committee of arrangements did itself credit.

The ceiling of the ground floor salesroom of Tiffany & Co., under the skillful hands of the painter and decorator, has assumed a freshness and cleanliness that materially adds to the attractiveness of the store. The work of retouching has been going on for

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36 Murray Street, New York.**



## DEITSCH BROS.,

### MAKERS OF FINE LEATHER GOODS,

ALSO

IVORY, EBONY AND SHELL,

14 East 17th Street,

NEW YORK.



three weeks and is now nearly completed. The crowns of the black pillars, so typical of Tiffany's, have been brightened with a gold finish, and the ceiling has received a pink tinted coating.

Myer Dillner, a jeweler, 36 years of age, of 222 Lynch St., Brooklyn, died, Tuesday (Aug. 19), in the Eastern District Hospital, under peculiar circumstances, and Dr. Wuest has been ordered by Coroner Williams to make an investigation. Dillner appeared perfectly healthy and in good spirits when he retired at night, but early in the morning Mrs. Dillner was awakened by hearing her husband groaning. A doctor who was called in was unable to diagnose the case, and at his suggestion a doctor was summoned from the hospital. Before he arrived Dillner died.

Julius Eschwege, of Eschwege & Cohn, importers of fancy goods at 648 Broadway, was discharged of his debts in bankruptcy, Wednesday, by Judge Adams in the United States District Court. An involuntary petition in bankruptcy was filed against Esch-

wege & Cohn, March 12, and on the same date a voluntary petition was filed by Eschwege, who stated that Max G. Cohn, his partner, refused to join in the petition. The schedules filed by Mr. Eschwege showed liabilities to be \$91,950 and assets \$58,750. One month later, when Mr. Cohn filed his schedules, the firm's liabilities were, according to him, \$86,162. Cohn has not yet been discharged.

L. J. Seleznick, proprietor of the Pittsburgh Jewelry Co., Pittsburgh, Pa., has just leased the N. E. cor. of Sixth Ave. and 16th St., 30x65 ft., for a term of 15 years. These premises are to be extensively altered and are to be turned into a large departmental jewelry establishment, to be known as the New York Jewelry Co., of which Mr. Seleznick will have entire charge. The lower floor of the building will be devoted to silverware and jewelry, and the upper floor to bric-à-brac, cut glass, etc. An optical department will also be installed. Mr. Seleznick, who is a director of the Cosmopolitan National Bank at Pittsburgh,

contemplates establishing large branch stores in several other cities, all of which will be operated on a most extensive scale. Mr. Seleznick was in New York last week buying stock for his store, which he expects to open about October 1.

Solomon Nemser, formerly a retail jeweler at 1280 Third Ave., against whom an involuntary petition in bankruptcy was filed, March 19, by Arthur J. Kahn & Co., has applied for a discharge from his debts under the bankruptcy law, and an order has been signed appointing the time for the hearing of the bankrupt before Judge Adams, of the United States District Court, for 9.30 A. M., Wednesday, Sept. 2. Nemser was adjudged a bankrupt March 27, and his schedules filed March 31, showed liabilities of \$4,252.74, and assets of \$1,385. There were about 25 creditors, all of whom are notified to be present at the hearing for his discharge Wednesday.

Charles Kolbow, a jeweler at 311 Broadway, Brooklyn, was robbed, Wednesday night, of a diamond ring valued at \$180. Louis Kaller, the thief, entered Kolbow's store in the evening just as he was putting his stock in his safe preparatory to closing up for the night. Kaller asked the jeweler to show him some expensive diamond rings. Kolbow was suspicious of the man, who had left the door open. After examining several of the rings Kaller selected one valued at \$180 and ran out of the store. He was followed by Kolbow, who shouted "Stop, thief!" A large crowd, attracted by the cry, joined Kolbow in the pursuit. The thief ran to Hooper St. and thence toward S. 4th St., with a half dozen men close at his heels. Kaller suddenly turned, and, leveling a revolver at the men, threatened to kill them if they continued to follow him. As he was making the threat Policeman Cosgrove ran up from the opposite direction and covered him with his revolver. Kaller showed fight, but was quickly subdued. He refused to give his address. The stolen ring was not found on him.

# SEVENTH CAPITAL, \$1,700,000.

NATIONAL  
BANK,

NEW YORK CITY.

EDWIN GOULD, PRESIDENT.

EDWARD R. THOMAS, } VICE-PRESIDENTS.  
WM. H. TAYLOR, }  
GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR., VICE-PRESIDENT AND CASHIER.  
SULLIVAN & CROMWELL, GEN. COUNSEL.

## ACCOUNTS INVITED.

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

## DIRECTORS:

Edwin Gould,  
Edward R. Thomas,  
W. Nelson Cromwell,  
Chas. E. Levy,  
Alex. McDonald,  
Samuel Thomas,

Wm. H. Taylor,  
Crawford Fairbanks,  
R. W. Jones, Jr.,  
Hugh Kelly,  
Wm. F. Carlton,  
Erakine Hewitt.

# The Mercantile National Bank

OF THE CITY OF NEW YORK,

BROADWAY AND DEY STREET,

Solicits Accounts from the Jewelry Trade.

## THE CHATHAM NATIONAL BANK, NEW YORK.

H. P. DOREMUS, Cashier.

GEO. M. HARD, President.

W. H. STRAWN, Asst Cashier.

376-378 GRAND ST.,

# The State Bank

NEW YORK.

SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

O. L. RICHARD, President.

ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



# WE INVITE *THE* ATTENTION OF *THE* JEWELRY TRADE

to the fact that our NEW GOODS may now be seen at all of our salesrooms. The addresses will be found below.

There are many novelties especially prepared for the coming season and an incomparable showing in a great variety of designs of the things that are always "good stock." As for that, however, there is never any question as to Gorham stock of any sort. It is accepted as representative the world over.

GORHAM goods are always fashionable because they are the best, not because they cost any more.

GRAND PRIX  
PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

STERLING

*They are never sold to Dry Goods or Department Stores.*

## GORHAM MFG. CO., *Silversmiths*

Broadway and Nineteenth Street, New York

BRANCHES

NEW YORK  
21 - 23 Maiden Lane

CHICAGO  
131 - 137 Wabash Avenue  
WORKS: Providence and New York

SAN FRANCISCO  
118 - 120 Sutter Street



## Have you placed a sample order yet for the new model 6-size FORTUNA?

If not, why not?

They sell at sight and give satisfaction to the most particular customers.



No. 800.—7 Jewels, Nickel Damaskened, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.

"Practical Course in Adjusting"

Price \$2.50.

All Jobbers or Jewelers' Circular Pub. Co.

### Tariff Decisions & Regulations.

Acting Secretary of the Treasury H. A. Taylor, last week, notified the officers of the Customs that it had come to the knowledge of the Treasury Department that there was a great disparity of practice existing throughout the different Custom Houses in the United States regarding the administration of paragraph 638 of the Act of 1897, which provides for the free entry of philosophical and scientific apparatus intended for the use of colleges and other institutions.

In considering the "free entry" paragraph, Mr. Taylor said that the definitions of philosophical instruments and scientific apparatus could not be too fully understood. He said that the term "scientific instruments" in the free list of the Tariff Act is intended to refer to the "intrinsic character of the thing imported itself and not, necessarily, to the nature of the use for which it is primarily designed or in which it is principally employed; that the mere fact that an imported article may be designed for use by physicians and surgeons is not sufficient to bring them within the category of scientific instruments; that the term 'scientific instrument' does not describe one pertaining to any particular vocation or profession, but suggests an instrument which is something more than a mechanical tool or appliance, however peculiarly adapted to use it may be in scientific labors, and one which, because it embodies some scientific conception, would attract the interest of learned minds, and that there are many instruments which are designed for use, and which are primarily used in the practice of learned professions, which are not scientific instruments."

The Board of Classification of the United States General Appraisers handed down a decision last week sustaining the protest of Marcus & Co. on an invoice of drilled pearls. The goods were assessed for duty at the rate of 20 per cent. ad valorem under

the Tariff Act of 1897 as "articles manufactured in whole or in part and not specially provided for in the Tariff Act," and they were claimed to be dutiable by similitude, under the provision of paragraph 436, at the rate of 10 per cent. ad valorem, as "pearls in their natural state." The Board found that the facts in the case were exactly identical and the same as those found in the protest of Tiffany & Co. vs. United States in regard to drilled pearls, the merchandise being identical in both cases. Therefore the protest was sustained upon the claims stated and a reliquidation ordered.

Another decision handed down by the Board sustained the protest of R. F. Downing & Co., New York, on an invoice of goods consisting of metal, brass or paste beads. The Board held that the merchandise returned by the local appraiser as "string beads," "art composition beads," "beads," "strung beads," "beads threaded and strung," or as "glass beads strung," are properly dutiable at 45 per cent., under paragraph 193 or paragraph 112 of the act of 1897. To this extent the Board sustained the protest and reversed the decision of the Collector.

#### REAPPRAISEMENTS.

The following were among the reappraisements of merchandise made by the Board of General Appraisers last week:

Jewelry and manufactures of metal from Borelli & Vitelli, Paris, July 17, 1902: Colhey corail en chute, entered at 6.50, advanced to 8. francs each. Broches mosaïque, entered at 8. francs per doz.; no advance. Epingles, entered at 1.80 francs per doz.; no advance. Add case, 2.80 francs.

Manufactures of marble from G. Musso & Co., Genoa, Feb. 8, 1902: One case hard stone ware and mosaic, entered at 128., advanced to 580.10 lire.

#### Receiver for Morgan Jewelry Co. Reports the Amount of Assets.

DES MOINES, Ia., Aug. 20.—C. T. Cole, receiver for the Morgan Jewelry Co., has filed a report of the assets of the company with the Clerk of the District Court.

The total assets, represented by notes, stock and accounts, is \$13,075.70.



## THE GENERAL SATISFACTION



which our goods are giving to all our many customers throughout the entire west and northwest is amply demonstrated by the increasing demand for G.W. goods.

To meet this growing trade we have greatly enlarged our whole line this fall, and we feel confident no house will show a LARGER, CLEANER or more POPULAR LINE than our salesmen will on the road this fall.

Our **ELKS' CHARMS** are all original designs, heavy tops and fine selected teeth, from \$3.00 to \$150.00 each.

**Diamond Jewelry,**  
**Cuff Links,**  
**Studs,**

**Rings,**  
**Brooches,**  
**Emblems,**

**Charms,**  
**Chatelaines,**  
**Bracelets,**

**Lockets,**  
**Lorgnettes,**  
**Diamond Mountings.**

**Fobs,**  
**Scarf Pins,**

The well-known and popular **G. W. 20-Year Filled Chains.**

Our **G. W. Leader Chains**, at \$10.50 per doz., are the finest finished and best wearing chains in the world for the price.

**GEO. WETTSTEIN, Cedar Rapids, Iowa.**



### News Gleanings.

Philleo Bros., Alexis, Ill., have sold their jewelry stock to W. L. Allen, also of Alexis.

James S. O'Rourke has taken charge of S. B. Kidder's establishment in New Baltimore, Mich.

Chas. M. Hoffman, Lebanon, N. H., is included among the losers in a recent fire at that place.

Christ Bergsvik, Yankton, S. D., has added another show window to his jewelry establishment.

George Gath, Jr., Lockport, N. Y., has sold his jewelry and repair business to George D. Pencille.

L. Hyde, a jeweler and optician, of Massena, Ia., has started on a short trip through Oklahoma and Indian Territory.

T. S. Arthur, Fond-du-lac, Wis., opened his new jewelry establishment, at 514 Main St., that city, Thursday, August 21.

J. M. Decker, a former jeweler of Struthers, O., has been compelled to dispose of his business, owing to the illness of his wife.

Charles Maurer, Champaign, Ill., will occupy a new building at 41 Niel St., constructed for his especial use, about September 10.

Charles A. Notbohm, Oconomowoc, Wis., has moved his jewelry business into the Smith Building, recently occupied by the post office.

Last week the grating in front of Egermann & Son's store, Aurora, Ill., caved in, throwing part of the structure to the bot-

tom of the area and very nearly seriously injuring a young man who was standing on it at the time.

O. C. Jones, a pioneer jeweler, of Avon, N. Y., is suffering from a severe attack of heart trouble, and is said to be in a critical condition.

H. E. Kellogg, Centerville, Ia., who had been established in the City Book Store for the past three months, has moved into more spacious quarters.

James Seacord, Lee, Mass., recently lost about \$400 by fire. The individual loss of the Lee-Gleaner Building, of that town, is said to aggregate \$20,000.

Joseph Bond, a former purchasing agent of a well known clock company, died recently in Chicago, Ill., where he was president of the American Radiator Co.

Bert F. Stengel, formerly in business at Maquoketa, Ia., left for Cedar Rapids, last week, to accept a position with one of the leading jewelers of that city.

The death is announced of Frank Burton, a former jeweler of Niagara Falls, N. Y. The body was brought to the residence of the deceased's sister at Camden, N. Y., for burial.

Jacob Lippman, of Rothstein & Lippman Bros., Johnston, Pa., contemplates the erection of an elegantly appointed home in that city, the cost of which will approximate \$25,000.

It is announced that the jewelry business of the late John E. Parker, Morristown, N. J., will be continued by his son and nephew, under the firm style of Parker & Van Cleve, successors to J. E. Parker.

Boynton & McEwen, Manchester, Ia., have dissolved partnership. Hereafter Mr. McEwen will conduct the wholesale and Mr. Boynton will take charge of the retail business, which formerly was conducted by both partners jointly.

Mr. Jacot, a jeweler, of Pittsfield, Mass., has on exhibition in his show window several prizes which will be given to the winners of the events to be contested for on Labor Day at the annual meeting of the Laurel Hill Association.

A large fire in the establishment of Landaw Bros., Wilkes Barre, Pa., was recently threatened by the ignition of some benzine. A stream from a chemical engine, however, extinguished the blaze before serious damage had been done.

Albert Ducommun, Kenton, O., reports the loss of some valuable jewelry, which he alleges was taken by one Frank Baker, whom he detected behind his counter in broad daylight. Baker was traced to a barn, but the valuables were not recovered.

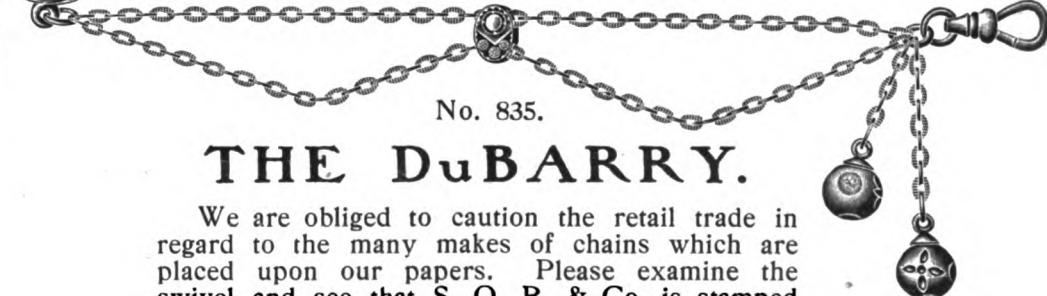
Herman M. Leffert has purchased the large jewelry establishment formerly conducted by Maurice Wollman, Council Bluffs, Ia. The building is to be thoroughly remodeled and overhauled, and extensive improvements are to be made in the interior of the store.

It is reported that the general store of Davis & Brown, Berthoud, Col., was recently entered by burglars, who escaped with \$500 worth of watches, jewelry, and other goods. It is believed that three men



THE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Lockets in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.

S. O. BIGNEY & CO.,

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.



# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

### Ladies' Gold Initial Signet Rings.

Pearl Initials,  
2 doz. in box,  
... \$31.00



Plain Initials,  
2 doz. in box,  
... \$25.00

BRACHER, BECKER & BARNETT,

Manufacturers of GOLD RINGS, BROOCH AND ROPE CHAINS.

Also

Twentieth Century Elk Rings.

481 Washington Street,  
Newark, N. J.

are implicated in the crime, and that they are heading for Longmont, Col.

E. P. Goff, Hays, Kan., has given a contract mortgage for \$150.

B. W. Folder, Wilbur, Wash., has opened a branch store in Almira, Wash.

M. Cannen has purchased the jewelry business of Dr. C. M. Gleason, Holton, Kan.

Jno. H. Miesen, Benson, Minn., offers a settlement of 40 cents on the dollar to creditors.

L. E. Hanson has discontinued the jewelry store he has conducted in Mound Valley, Kan.

B. R. Stocking, Belton, Tex., left recently with his wife for a 10 days' visit to Chicago.

John F. Rhodes & Son, jewelers and stationers, Lamar, Mo., have given a realty trust deed for \$800.

R. Lussier, a jeweler, of Cass Lake, Minn., has just completed the erection of a modern store building.

J. C. Adams, one of the founders of the Elgin Watch Co., has recently been visiting Harry B. Carswell, Kansas City, Mo.

Burt Stoddard and F. M. Halstead have bought the jewelry and drug business of C. H. Wood, at Madison, S. D.

The Pennsylvania papers are writing up the biography of W. H. Hill, a jeweler and optician, of Punxsutawney, Pa.

J. D. Gordon, who is engaged in the jewelry business in Walhalla, N. D., has given a realty mortgage for \$3,000.

L. E. Legrand, Sumter, S. C., has leased quarters in Spartanburg, S. C., where he will open a store about the middle of September.

F. D. Day & Co., Duluth, Minn., have engaged W. S. W. Blake, of Minneapolis, as watchmaker and jeweler. He had been with S. Jacobs & Co., in Minneapolis.

William Lenz, Osakis, Minn., has let contracts for a modern brick store building which he will occupy when completed, with a stock of notions and jewelry.

Thomas O'Brien and Chas. Brown were arrested recently at Dubuque, Ia., on a charge of stealing a tray of rings from Bower & Co.'s store. One pleaded guilty at the preliminary hearing.

Word has just been received from Antwerp, Belgium, to the effect that M. Lam, Jr., has been admitted as a partner of Mauritz Saks, of that city, the firm name remaining as before.

Last week J. M. Boner's jewelry store, Evansville, Ind., was entered by thieves, who made off with a number of valuable articles. Robberies are reported to be quite frequent at this place.

A. O. Wold, Langdon, N. D., has gone to Osnabrock, N. D., where he has made arrangements for the erection of a store building, 24x80 feet in size. He will open a complete stock of jewelry therein when completed.

The convention of the agents of the International Time Recording Co., ofinghamton, N. Y., recently announced in THE CIRCULAR-WEEKLY, proved to be most interesting in every particular, and many instructive papers were read by agents from all parts of the world. General Manager Bundy made the closing address, and at the end of the convention a banquet was given to the officers and agents by President Geo. E. Green.



# Mechanical Die Cutting Machine

**FOR MANUFACTURING JEWELERS,  
SILVERSMITHS AND DIE CUTTERS.**

It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.



ON EXHIBITION AT

## DEITSCH BROS.,

14 East 17th Street,

NEW YORK.

### MONEY EASILY MADE

BY SENDING YOUR

Old Gold, Silver and Platinum

TO

**Schwitter & Kennedy,**

Sweep Smelters and Assayers,

25 JOHN STREET, NEW YORK.

Telephone,  
904 Cortlandt.

Works: 28-32 Cumberland St.,  
BROOKLYN, N. Y.

"Practical Course in Adjusting."

Just Issued. Price \$2.50.

All Jobbers or Jewelers' Circular Publishing Co

### Leather Watch Fobs.

We make a nice assortment of these goods.

 **C. F. RUMPP & SONS,** ESTABLISHED 1850.

Manufacturers of  
FINE LEATHER GOODS,  
PHILADELPHIA.

New York Salesrooms, 683 & 685 Broadway (cor. Third St.)  
Send for new illustrated catalogue.

# Mercantile Fountain Pen

No. 4a.  $\frac{3}{8}$  size



Retail Price  
**\$2.50**

Made and fully warranted by

**AIKIN, LAMBERT & CO.,**

19 Maiden Lane, New York.

Manufacturers and Exporters.

**GOLD PENS, PENCILS, TOOTH PICKS,  
AND NOVELTIES.**

General Agents for PAUL E. WIRT'S FOUNTAIN PENS.



**S. STERNAU & CO**  
204 CHURCH ST., NEW YORK.

**Some of Our Friends**

have omitted to call at our **New York Show Room, 204 Church Street, cor. Thomas,** to inspect our new goods. While we have had the pleasure of seeing a great many, we want **ALL** to call; make a point of coming this week. If our **New Catalogue** has not reached you, please let us know so that we may send it.

**S. Sternau & Co.,**  
204 Church Street, cor. Thomas,  
New York.  
Factory, Brooklyn, N. Y.

TRADE PAPER ADVTG. AGENCY N.Y. & L.D.

**Virginia State Optical Association's First Annual Session a Great Success.**

NORFOLK, Va., Aug. 16.—The first annual session of the Virginia State Optical Association convened to-day in the office of Tucker, Hall & Traylor, this city, at 11 A. M. Most of the prominent opticians of the State were present and the meeting was an entire success.

The meeting was called to order by Pres. Schreiner, of Richmond. This session was devoted entirely to business and the election of T. B. Gilbert as the representative to the Boston meeting of the American Association who was unanimously elected with power to act as a delegate from the Virginia Association. Several applications for membership were received and referred to the committee on membership. At the adjournment of the meeting the association was entertained at lunch by Messrs. Tucker, Hall & Traylor.

The second session of the association was held at the Ocean View Hotel, at which meeting the following officers were elected:

H. L. Lang, Staunton, president; A. F. Jenke, Richmond, vice-president; E. W. Green, Roanoke, 2d vice-president; V. B. Gilbert, Richmond, 3d vice-president; John W. Buchanan, Petersburg, secretary, re-elected; G. L. Hall, Norfolk, treasurer, re-elected.

The following were elected as the executive committee: C. H. Rudd, Richmond, chairman; E. E. Scheimen, V. B. Gilbert, Richmond; B. R. Tucker, Norfolk; E. W. Buckingham, Lynchburg.

Dr. D. A. Kuyk, Richmond, one of the best known oculists in the State, made the principal address, which was of an exceptionally high character. He dwelt at length on the relation between the two professions and thought both should work for the welfare of the afflicted and not be overcome with selfishness.

Other papers relating to the optical profession were read by several members of the association. On the whole, the opticians of the State manifest a decided interest in the organization. After the meeting the members attended a banquet at the Ocean View Hotel, after which the association adjourned to hold the next annual meeting in Staunton during August of next year.

**Offers of Settlement Made to Creditors of Chas. Altschul.**

No settlement in the bankruptcy matter of Chas. Altschul, New York, has yet been made. The offer of 50 per cent. in notes made by the bankrupt at the last meeting of the creditors, held in the offices of J. Strauss & Son, 14 Maiden Lane, Aug. 16, has been withdrawn, and a paper offering to compromise on a basis of 25 per cent. cash is now being circulated.

Charles Sinsheimer, the attorney for Altschul, claims that creditors representing \$7,000 of the bankrupt's indebtedness have already signed. Many of the creditors declare that they will not sign the paper, as they believe they can get more than 25 per cent. out of the estate in bankruptcy. Meanwhile, the assets of the bankrupt are in the hands of Receiver Barker.

H. Nutting, Liberal, Mo., has discontinued his business.

**Pioneer Tortoise-Shell House.**

High Grade Shell Combs for the Best Trade.

**BACK COMB, No. 5617,  
\$3.00 EACH.**

Highly finished, hand made. 25 per cent. cheaper than any comb its equal on the market.

**A. TRENMANN,**  
407 BROOME ST., NEW YORK.  
Established 1857.

**THE JEWELRY REPAIRER'S HANDBOOK**

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co.

11 John Street New York.





# Sit down and think it over—

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

## THE BASSETT JEWELRY CO.,

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
87 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
1116 Lumber Exchange.



## STERLING SILVER COLLEGE FLAG PINS.

ILLUSTRATIONS ARE ACTUAL SIZE.



Price - - \$15.00 Doz.  
This flag comes in Yale only.



Price \$54.00 net.  
Per Gross.



Price \$54.00 net.  
Per Gross.



Price  
\$42.00  
Gross.



B/  
Price  
\$42.00  
Gross.



Price  
\$42.00  
Gross.



Price \$21.00 per Gross.



YALE SEAL.  
Price, \$54.00 Gross.

OAR HAT PINS. Sterling Silver. Comes in Yale, Harvard, Columbia, Cornell, Penn., Princeton.  
Price, - - - \$54.00 NET Per Gross.

We manufacture a large line of Flags for all the principal Colleges. These Pins are Sterling Silver, and are nicely enameled in the proper colors. We can furnish any of these goods in Stick Pins or Hat Pins. We also make the entire line in plate at very low prices. These goods cannot be equaled for quality and price. Give us a trial order.

Our terms are 6 per cent. 10 days; 5 per cent. 30 days, unless marked net.

**C. H. EDEN CO.,** Manufacturing Jewellers, **Attleboro, Mass.**





### THE MONK CUP.

5 inches. \$6.00 dozen.  
ASSORTED DESIGNS.

It will be to the advantage of every dealer in art goods, to have our wares introduced and carried in his stock.

Parties visiting New York will study their interests by calling on us—those who are not coming should correspond with us, as our travelers may be able to visit them.

### HUNDREDS OF USEFUL AND ORNAMENTAL ARTICLES

in hand decorations, prettier than the imported goods and lower in prices than similar class of work.

## L. W. LEVY & CO.,

194 BROADWAY,  
NEW YORK.

Our lines of import samples in metal, glass and china now ready to be sold.

## LEATHER FOBS.

Write for the most complete CHAIN CATALOGUE ever issued.

SEAMLESS WIRE MFG. CO.,

37 and 39 Maiden Lane, - - NEW YORK.

## CROSELMIRE & ACKOR, PLATINUM

IN SHEET OR WIRE FOR ALL PURPOSES.

Platinum Scrap Bought. Special Attention to Jewelers  
Factory & Main Office: 42 Walnut St., Newark, N. J.  
N. Y. Office: Harvard Bldg., 42nd St. & 6th Ave.

### Optical Notes and Briefs.

(Additional Optical News on page 81.)

Lee Meator, foreman of the Columbian Optical Co., Kansas City, Mo., is spending a ten days' vacation in Colorado.

C. A. Hoffman, optician, Minneapolis, Minn., will establish a branch of the Minneapolis House in St. Paul, Sept. 1, at Fifth and Wabash Sts.

The Columbian Optical Co. has been forced on account of a largely increased business to add several more rooms to its office and factory.

Mary B. Holmes, Caribou, Me., has just returned from an optical school in Philadelphia, Pa., and will start a jewelry and optical business on Caribou St.

The Lehigh Optical Co., Germantown and Lehigh Aves., Philadelphia, is equipping a factory with improved apparatus for the grinding of lenses and other optical work.

The employees of the Philadelphia optical houses of the Queen Co., McIntire, Magee & Brown and D. V. Brown have arranged for a bowling tournament to be held early in September.

D. M. Bissell, who has been engaged in the optical line since 1870, at Boston, Mass., has recently located in New York City and opened a store at 1667 Amsterdam Ave., New York.

A neatly dressed young man has swindled a number of people of Bainbridge and Mt. Joy, Pa., by declaring himself to be a representative of Leech, Stiles & Boyle, opticians, Lancaster, Pa.

J. E. Limeburner, formerly of J. E. Limeburner Co., Philadelphia, Pa., and once a member of the firm of the Queen Co., died recently in Atlantic City. He was 75 years old and lived at Swarthmore.

Jacob Dachtera, father of Andrew J. Dachtera, optician, at 60 W. 125th St. and 312 Madison Ave., New York, died suddenly, Aug. 13, while making a tour of the continent with his wife and family, aged 78 years.

Dr. J. C. Goble, optician, at Medford, Ore., has just returned home from a trip through the Willamette Valley, where he had been for several months. He will now settle at Medford and make that his permanent place of residence.

Ernest Ludlow, jeweler and optician for J. M. Perkins, Marquette, Mich., at one time, will shortly open an office in the Kirkwood block, Marquette, Mich. Mr. Ludlow will devote his entire attention to optical work, having discontinued the jewelry business.

Dr. S. W. Lane and Dr. E. A. Lane, who occupy the positions of President and Secretary of the Southwestern Optical College, Kansas City, Mo., have just returned from a trip to the Ozarks, where they visited another brother, Dr. J. R. Lane, Mountain Grove, Mo., who has an extensive fruit farm in that region.

Charles Morton was arrested about a week ago on a charge of burglary. He is accused of having been the companion of Charles Coulter, who was convicted and sentenced for breaking the window of George H. Kahn, optician, at 201 Kearny St., San Francisco, and stealing about \$600 worth of goods a few months ago. Coulter was captured at the time of the robbery, but his companion escaped.

### Old Lang Syne Souvenirs.

L. J. FILLEY, Hartford, Conn., has a number of articles in his possession which are of more than ordinary interest. One is a small, solid silver spoon having on its handle the letters "R. W." once the property of Roger Wolcott of Windsor, Colonial Governor of Connecticut, 1750 to 1754. His son, Oliver, was a signer of the Declaration of Independence, and his grandson, also named Oliver, was Secretary of the Treasury, 1795 to 1800.

Another is a solid silver cup awarded to Mr. Filley's grandfather, Oliver Filley, by the Hartford Agricultural Society in 1830, "for having the best cultivated farm." The cup is plain in shape, but has some remarkably pretty work laid out upon it. The farm in question is located in Bloomfield and is owned by Mr. Filley and occupied by him the greater part of each year.

Still another memento of the olden time is an invitation to Oliver Filley and family to attend the junior exhibition at Washington College, Hartford, on Thursday, April 19, 1827. It is finely executed as to press work and bears an illustration of the college. The invitation is signed by I. N. Steele, A. Hall, W. H. Woodbridge, D. Dutton, Jr., and I. Hazeltine.

Mr. Filley states in reference to Moses Wing, the old clockmaker of Windsor, Conn., that he has a "grandfather's clock" bearing "Moses Wing, maker," on its face. The clock is at Mr. Filley's Bloomfield farmhouse and is in perfect running order. It was made for Mr. Barnard, grandfather of Mrs. Filley.

S. Spitz, Plaza, N. M., has returned from a short visit to San Juan.

## ROSENZWEIG BROS.,

52 MAIDEN LANE,  
NEW YORK CITY.

### HEADQUARTERS FOR

01 Suffolk Movement in 20-year Filled Hunting Case, at \$15.30, Keystone list.

02 Suffolk Movement in 10-year Filled Hunting Case, at \$12.00, Keystone list.

This is the cheapest American made 7-J. lever set, out balance watch in the market. Send to us for Jewel Series Waltham Watches.

## THE WASHBURN

MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

TO ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



TO REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

### SECURITY FOR SCARF PINS, ETC.

HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN.

14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

C. IRVING WASHBURN, SOLE MANUFACTURER

12-16 JOHN STREET, NEW YORK.



# A JEWELER'S UMBRELLA

The Harrison Umbrella is par excellence the JEWELER'S UMBRELLA, because it is built on jewelry lines—the best material and the most careful workmanship combine to give it a “jewelry store” finish that puts it far above “bargain counter competition,” and Harrison umbrellas are never found in Dry Goods or Department Stores.



## W. W. HARRISON,

Manufacturer of Umbrellas and Walking Sticks for the Jewelry Trade.

405 Broadway, New York.

HARRISON is the only Umbrella and Walking Stick Manufacturer in the United States not selling to the Dry Goods and Department Stores.

## TO KNOW THEM

IS

## TO WANT THEM.

Want to make a good reputation for yourself? See our line of carved rings. Your customers appreciate good goods, then appreciate your customers' custom by selling them that sort. Our line of carved rings is all of that carefully made kind which cause a customer to say instantly upon seeing them, "Here is just what I've been looking for." It is really surprising the amount of ring goodness we put into our One Dollar a dwt. 10-k. Line. Our gents' set rings are just as good, but cheaper—80c. a dwt. in 10-k. We make all styles. No matter what you want for a man you need look no further. If you think you need anything, write for a memo package. It's yours for the asking. Remember: Every ring is as good as the sample.

**M. MANNIST & CO.,**

Ring Builders for Men,  
57 Maiden Lane, NEW YORK.

## GET POSTED!

YOU USE ORNAMENTAL DIES?

WANT FINE WORK AND SAVE MONEY?

YOU SHOULD KNOW ABOUT THE

## DIE CUTTING MACHINE,

PATENTED, BUILT AND SOLD BY

**KELLER MECHANICAL ENGRAVING CO.,**

570-576 WEST BROADWAY, NEW YORK.

**FREE**

with every machine. The benefit of our vast experience! Purchasers and sellers of infringements will be prosecuted.

WE CUT DIES FOR THE TRADE.





VOL. XLV.

CHICAGO, WEDNESDAY, AUGUST 27, 1902.

No. 4.

### Chicago Notes.

Edw. T. Jenison, Decatur, Ill., has taken in a partner.

Alexander Marks and wife, Lawrence, Kan., were visitors to the trade, last week. Henry Iverson, of Iverson & Son, Corsicana, Tex., was in this city last week.

Chas. A. Tappe, Bloomington, Ill., stopped over last week on his way to Michigan.

Mr. Morgan, of Morgan & Hawley, El Paso, Tex., was a buyer in the trade last week.

James Burke, manager for the Brooks Optical Co., St. Louis, visited the trade, last week.

A. K. Jobe, Jackson, Tenn., and his son were here last week looking over the various lines.

Herbert Cobb, western representative for the Daggett & Clap Co., has returned from the east.

John Hoagland and wife, Sheldon, Ill., passed through Chicago last week en route to Indiana resorts.

Jacob Bunn, president of the Illinois Watch Co., Springfield, Ill., was a caller on the trade last week.

Mrs. W. P. Waters, wife of W. P. Waters, Sheridan, Wyo., accompanied by her daughter, paid a visit to the trade last week.

J. R. Garstman, formerly with Otto Young & Co., now with T. R. J. Ayres & Sons, Keokuk, Ia., was here, last week, looking up his old friends.

W. S. King, in the local office of Theo. W. Foster & Bro. Co., and Ostby & Barton Co., returned, last week, from a vacation spent at Lake Geneva.

W. H. Sawyer, formerly of Wolcott, Ind., has gone into partnership with Mr. Sykes at Streator, Ill. The new firm will be known as Sykes & Sawyer.

W. S. Sparrow, western manager for Stern Bros. & Co., and Harry Miller, with the same company, have returned from their vacation at Mercer, Wis.

J. C. Moreland, who represents Lapp & Flershem, with headquarters at Osage, Ia., left for his home last week, after spending a week in the city with his wife.

Mr. Fairbanks, of Bassett & Fairbanks, accompanied by his wife, stopped over a few days, last week, on his way to northern Michigan, where they will spend a vacation.

W. O. Kellogg, western representative for the Watson & Newell Co., accompanied by his wife and daughter, is spending a few weeks' vacation near the lakes of Wisconsin.

W. M. Davidson, manager for J. W. Forsinger, returned from the New York office last week. Mr. Davidson will be in town until after his approaching marriage to Miss Thompson.

A. W. Alexander, representing Factory L, International Silver Co., was in the city a few days visiting the local trade. Arthur Bradshaw, representing Factory E, of the same company, was also in the city for a few days.

Hartford G. Clark, a government Indian agent, has brought two suits against Loftus Bros., diamond dealers, for damages to the amount of \$25,000. He was arrested five times at the instance of the defendant firm as a result of a dispute about a purchase made by him, and sues for false imprisonment.

Among the buyers in Chicago during the past week not elsewhere mentioned were: C. J. Seutter, Jackson, Miss.; "Joe" Ingalls, Rock Island, Ill.; J. Johnson, Remington, Ind.; Chas. Veuve, Peotone, Ill.; W. Calvet, Washington, Kan.; W. R. Smith, Geneva, Ill.; L. S. Patterson, Lampasas, Tex.

Ernest A. Kirchner and Walter Renick, for 10 years employed by the Juergens & Andersen Co., the former as jeweler, and the latter as engraver, are to start in the manufacturing jewelry business, in Minneapolis, Minn., about Sept. 1. Both men are reported to be experts, and the best wishes of their Chicago friends for their success goes with them.

G. C. Darche, the inventor and manufacturer of the "Darche," "Waker" and "Get Up" electric clocks, and proprietor of a retail jewelry store on South Halstead St., passed away on Monday, August 17, in the 42d year of his age. Mr. Darche had been troubled more or less with paralysis for the past 10 years, but recently he became worse and finally succumbed to the malady. He leaves a wife and three sons. The interment was at Forest Home Cemetery.

T. F. Cohen & Co., Milwaukee, Wis., announce that the fire recently discovered in their establishment, was purely accidental.

### Kansas City.

#### TRADE CONDITIONS.

The retail trade has been very encouraging the past week, but the manufacturing trade is booming, every house reporting that it is working to its fullest capacity, with excellent prospects ahead. The weather the past week, while not comfortable to people, was still good for the crops. It consisted of some heat and rain. The rains seem to have been pretty general throughout the State of Kansas and territory. It is quite probable that they will cut a second crop of hay; corn is looking fine and Missouri promises a very large fruit crop this year. All these things make the jewelers very happy and hopeful just at this time.

J. H. Spires has discontinued his business at Damascus, Ark.

Robert D. Correll has moved from Mexico, Mo., to Louisiana, Mo.

August Wetteroth, St. Joseph, Mo., has recovered a warranty deed for \$3,000.

W. S. Baker has succeeded to the business of Hubert Schellberg, Valley Falls, Kan.

C. B. Norton and wife and daughter are spending some time at Maple Heights Inn, Spring Park, Minn.

The wife and child of Gorton Rushmer of the Rushmer Jewelry Co., Pueblo, Col., were recent visitors in this city, but have left for Lawrence, Kan., where Mr. Rushmer will join them.

R. L. Kirby, Iola, Kan., who was reported to have been shot and killed by his father, denies the truth of the report. He is alive and carrying on his jewelry business. It was his brother who was shot by the father.

The following out of town merchants were in Kansas City last week: Chas. Gleason, Holton, Kan.; James Coffman, Polo, Mo.; C. P. Bennett and wife, Wellsville, Kan.; J. W. Phillips, with wife and son, Chanute, Kan.; Joe. Warner, Carl Junction, Mo.; H. A. Tibballs, Oskaloosa, Kan.; J. B. Bear, Haileyville, Ind. T.; W. H. Meyer, Lawton, Mo.; W. W. and J. H. White-side, Liberty, Mo.; M. S. Swarts, Coalgate, Ind. T.; W. O. Stanley, Ponca, Okla.; C. W. Frodsham, Savannah, Mo.

Chas. L. Streeter, Chillicothe, Ill., who recently received a lacerated arm from a horse's kick, has concluded to dispose of his business. Fred E. Bayles has purchased the entire stock of jewelry, glass and chinaware, which was sold at auction. Mr. Streeter contemplates starting out as a traveling salesman.





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**SURELY** you desire prompt returns and accurate valuations. We give you both. If our valuation is unsatisfactory your consignment is returned intact at our expense.]

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SMELTERS, REFINERS AND ASSAYERS,**

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Works, 58th and THROOP STREETS, CHICAGO, ILL.



## JOBGING STONES. LAPIDARY WORK.

RUBIES.

OPALS.

**PEARLS****HERMANN & CO.,**MASONIC TEMPLE, CHICAGO,  
PRECIOUS AND IMITATION STONES.**FREDERICK J. ESSIG,  
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126 State St., CHICAGO.

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Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters,  
SPECIAL ORDER AND JOB WORK  
A SPECIALTY.

80 E. Madison St., Chicago.

**AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

1616 MASONIC TEMPLE, CHICAGO.

Diamonds, Special Bargains on Approval. 1 Carat,  
\$50.00. Recutting. Fine Mountings. Try us.  
80 Madison St., Chicago.**An Economical Luxury.**CHEAPEST IN EXPENSE, MOST SATIS-  
FACTORY. SEARCH-LIGHT VAPOR LAMPS  
FOR ANY USE. ARE RIVALLED ONLY BY  
SUN LIGHT.

Search-Light Mfg. Co., 182 Division St., Chicago

**St. Louis.**

## TRADE CONDITIONS.

The wholesale jewelry business has been very good during the past week. Good crops all over this territory have given confidence to the retailers in the small towns and they are buying quite freely, and their purchases have been of a better quality than usual. The retail trade has also picked up within the past few days and from now on the retailers are looking for a nice trade.

Dave Lerner is going to move to a new location at 16 N. Broadway.

Vincent Gorly, of Grimm & Gorly, is in Denver, Col., on his vacation.

George Hess, of Hess & Culbertson, is spending his vacation in Colorado.

Frederick H. Ingalls will return this week from a three months' tour of Europe.

Mr. Louis, a jeweler on Merrimac and California Aves., is taking a European trip, and will be gone six months.

The Eisenstadt Mfg. Co.'s base ball team has won 26 games of base ball out of 28 played, and the team now holds the amateur base ball championship in St. Louis and vicinity.

The following out-of-town jewelers were in the city last week: Robert Tetley, Farmington, Mo.; Otto Rink, Carlyle, Ill., and Mr. Hafner, of the Walter Hafner Jewelry Co., Hillsboro, Tex. The two latter gentlemen were on their way home from a trip to the lakes, and stopped over to buy goods.

Zerweck & Waldemuth is another jewelry firm that is about to open a store in East St. Louis. Mr. Zerweck was formerly in the jewelry business on N. 7th St., and sold out to Hafner & Rogers, last month. He also has a jewelry store in De Soto, Mo. Mr. Waldemuth was formerly with Van Raalte Simon & Co. Hafner & Rogers were formerly located in Hillsboro, Tex.

**Indianapolis.**

## TRADE CONDITIONS.

The jewelers of the city are unanimous in thinking that the indications point to a very good Fall trade. Trade during the Summer has been unusually good. One prominent downtown dealer thinks the unusually cool Summer has helped his business. He figures that many people have stayed

in town and have spent much of their vacation or trip money in purchasing new jewelry. Some large October wedding orders have already been given and even some Christmas sales booked. The numerous inter-urban car lines have helped to bring trade to the city during the Summer months.

Augustus Craft was in Terre Haute and Brazil, Ind., last week.

Albert S. Gray, of Gray & Gribben, will leave with his family to-morrow for a trip to Mackinac Island.

J. C. Sipe and wife arrived in New York last week on the *Kronprinz Wilhelm*, after a successful trip to Amsterdam and some pleasant touring abroad.

Buyers in this city last week included Harry Major, Greenfield, Ind.; L. E. Stevenson, St. Joseph, Ill.; A. W. Anen, Greenwood, Ind.; Wm. Beatty, West Lebanon, Ind.; Aaron A. Pursel, Noblesville, Ind.; J. W. Thompson, Danville, Ind.; Geo. F. Long, New Richmond, Ind.; W. S. Lasley, Advance, Ind.; Chas. Whitcomb, of Chas. Whitcomb & Co., Clinton, Ind.

**Cincinnati.**

A. Newstedt, of Bene Lindenberg & Co., has just returned from a trip through the south.

Mr. Walton, of the Wadsworth Watch Case Co., is in Detroit spending a few days. He will return next week.

Victor A. Gebhardt, of Gebhardt Bros., returned, Monday, from the lakes, and Edwin Gebhardt left on his vacation.

The design of Theodore Neuhaus & Co. has been accepted for the police medal, which is to be given by the Hon. Nicholas Longworth. This contract has been made for the next five years. The same firm has also received a large contract from the Fleischmann Co. for 1,500 silver match boxes of a unique design, which are to be used as souvenirs of a convention held in this city during the month of September.

The robbery of George H. Newstedt's jewelry store on Walnut St., mentioned in THE CIRCULAR-WEEKLY last week, was the subject of much comment by the local press. The large show-window on the north side of the store was cracked open with half a brick and all the contents in upper corner stolen by the thief. The property stolen was

**A. C. BARD & CO.,**

Importers and Cutters of

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QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.Columbus Memorial  
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103 State St., Chicago, Ill.

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Columbus  
Memorial Building103 State Street  
Chicago, Ill.

EUROPEAN OFFICE

Dorus Van Praag  
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PARIS, FRANCE



valued at \$585, and included: A Howard watch, \$150; American 23-jeweled watch, \$100; chatelaine watch and pin, \$75; heavy gold double watch chain, \$50; gold and platinum watch chain, \$50; solid gold match box, \$25; two pair of diamond sleeve buttons, \$40; three rings set in small diamonds, \$75; one pair of pearl opera glasses \$20. The police have received word that the jewelry has been located at Ft. Thomas. Detectives Bulmer and Grimsley were detailed on the case. Fred Lease, a soldier, has been arrested for the crime.

### Pittsburgh.

#### TRADE CONDITIONS.

Business is somewhat improved and better than last week. Some wholesale jewelers claim they are enjoying quite a boom for this time of the year, especially in fine jewelry.

H. W. Ewalt, optician for R. Siedle & Sons, has returned from a vacation spent at Lake Conneaut.

The first consignment of imports bought by Otto Heeren, of Heeren Bros. & Co., while in Europe, arrived last week. Over 50 cases were received.

Gillespie Bros. are making some improvements so as to be better able to handle their cut glass line. They are making this a separate department in the store.

The improvements at Henry Terheyden's store, 530 Smithfield St., are completed. The handsome new show window in the front of the store adds greatly to the beauty of the display within.

C. W. Roberts, of Mrs. E. P. Roberts & Sons, is at Atlantic City spending a two weeks' vacation. S. F. Roberts, of the same firm, left Friday evening for Atlantic City, where he will stay for two weeks.

J. A. Hardy, of Hardy & Hayes, arrived home last week from Atlantic City, where he and his family spent their vacation, and on Friday left for Mercer, Pa., to attend a reunion of the Brown-McClelland families, of which Mrs. Hardy is a member.

Harry H., Albert, Ralph and Walter

Heeren and Clarence D. Stuart, all of Heeren Bros. & Co., who are members of the Fort Pitt Excursion Club, returned last week from Little Current, on the Georgian Bay, Canada, where the club held its annual outing this year.

### Minneapolis and St. Paul.

A. C. Becken, Chicago, was a visitor to St. Paul recently.

B. H. Ballard, with A. E. Paegel, Minneapolis, is away on a vacation.

Albert Goodman, St. Paul, is in from a ten days' trip to South Dakota.

Invitations are out for the wedding of N. Friedman, the St. Paul jeweler, to occur Aug. 26, at Winnipeg.

J. B. Hudson, Minneapolis, with his family, has gone to Yellowstone Park, California and the Pacific Coast. They will be gone six weeks.

J. D. Bodfors, who had been watchmaker for S. B. Abeles, Minneapolis, has bought the jewelry business of C. C. Norris, at 44 South Fourth St., Minneapolis.

Among the visitors to the trade of Minneapolis and St. Paul last week were: Jno. H. Reiner, Glencoe, Minn.; G. H. Rector, Torah, Minn.; A. J. Johnson, Big Lake, Minn.; H. Britzius, Faulkton, S. D.; W. J. Walsh, Waverly, Minn.

### Detroit.

Henry M. Wright, of Wright, Kay & Co., returned last week from a four-months' trip to Europe, where he purchased goods for the Detroit concern. This

makes the fourteenth time that Mr. Wright has been across the water on a similar expedition, his wife accompanying him for the first time. They visited London, Paris, Lucerne, Geneva, Rome, Florence, Berlin, Munich, Cologne and other European centers. Mr. Wright stated that business conditions in Europe, as far as the jewelry trade is concerned, are not at all satisfactory. There is a brisk demand for bric-à-brac, art goods and novelties for the American trade, but very little jewelry is imported, owing to the tariff and the fact that American manufacturers make a superior class of goods.

### "THE EBONY KING."

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the  
United States.

Prices positively the lowest.  
Send for illustrated catalogue.

**Fine Fans and Jewelry.**

**IF YOU send me five or more watches to repair at one time, I give 5% discount.**

**DEMAGNETIZING.**

**WILHELM K. SANDBERG,**  
WATCHMAKER,  
Columbus Memorial Bldg., CHICAGO.  
SEND FOR PRICE-LIST.

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**Quartz Jewellery.**

**Jewelry of Every Description.**

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

**509-511-513 Race St.,**

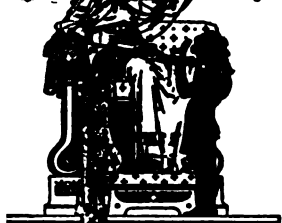
**CINCINNATI**

**OHIO.**



**Drackett, Clock & Jehllinger,**

SUCCESSORS TO

**DRACKETT, JEHLINGER**  
JEWELRY CHICAGO

92-98 State St.

20th

Century

Concern.

**NOW READY**

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett, Clock & Jehllinger,**

JOBGING JEWELERS,

Stewart Bldg., CHICAGO.

**Cash Paid  
for Stocks.**

Send for our new 1902-3 illustrated catalogue of discontinued movements and cases. It will interest you.

**Jos. Brown & Co.,**176, 178, 180 E. Madison St.,  
Chicago, Ill.**San Francisco.**

Carl Adler, Baker City, Ore., is in the city.

J. C. Wahlen, Petaluma, and Mr. Kline, of San Jose, Cal., recently visited the trade here.

The Roy Jewelry & Optical Co., 540 Henry St., has just had its store front remodeled.

H. L. Emmons, a jeweler at Redding, Cal., has been spending a week's vacation in San Francisco.

Howard Barbier, head diamond salesman with the W. K. Vanderslice Co., has started out on his vacation.

W. A. Wray, proprietor of the Clear Lake Jewelry Co., Lakeport, Cal., was in the city last week, buying stock.

W. A. Green, of the firm of Carrau & Green, has gone to Europe, where he will spend some time in buying diamonds.

George M. Lipman, one of the branch managers of the Baldwin Jewelry Co., is camping on the Garcia river in Mendocino County, in company with a friend.

Abner Pitts, a former jeweler of Sonora, Cal., died in this city last week. The remains were shipped to Sonora for burial. Mr. Pitts was a native of Massachusetts and was 76 years of age.

Recent visitors to the trade in this city were: Louis C. Koberg, Healdsburg, Cal.; Chas. Haas, Stockton, Cal.; Chas. J. Noack, Sacramento, Cal.; Alexander Noack, Sacramento, Cal.; Sam Strousse, Georgetown, Col., and a buyer from Frank W. Carter, Santa Cruz, Cal.

**Pacific Coast Notes.**

The American Jewelry Co. has begun moving into its new quarters, at Bakersfield, Cal.

Alec. Hyman, a jeweler, at Oakland, Cal., has been succeeded in that business by Hyman Bros.

The Frank Golden Jewelry Co., Reno, Nev., furnished the trophy for the great

relay race, held last Sunday, between San Jose, Cal., and Reno. The trophy was a handsome cup.

An important business change in trade circles occurred a few days ago at Williams, Ariz., when the business and stock of A. B. Bruner & Son, at that place, was transferred to E. N. Crawford. Mr. Bruner and family will leave in a few days for Los Angeles, Cal., where they will reside in future.

Henry L. Amstutz & Sons have purchased the stock, fixtures and good will of Harry W. Bernheim's store, Napa, Cal., and have consolidated the two. This move has been under consideration for some time, and it was with this end in view that Henry L. Amstutz recently incorporated his business under the name of H. L. Amstutz & Sons, under which style the business will be continued. H. L. Amstutz & Sons are moving into the Bernheim store from the quarters which Mr. Amstutz has occupied for the past twenty-three years. Mr. Bernheim will remain in Napa for some time before seeking a location elsewhere.

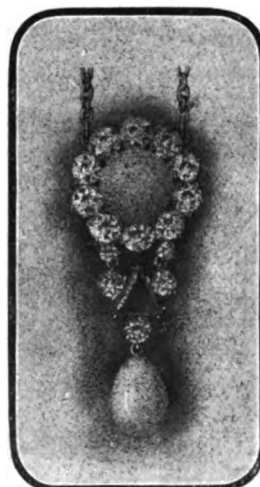
**Pacific Northwest.****TRADE CONDITIONS.**

With a circus in town, recently, Buffalo Bill's Wild West Show, last week, and the Elk Carnival and Fair, the following week, one can imagine Portland anything but a dull place to be in. Tourists from all parts of the east and abroad have literally swarmed the North Pacific coast this Summer. The jewelry dealers have had no dull season this year. The trade is in a most healthy condition and the dealers are making money. Souvenir goods are in greater demand than ever. Watch business is good and there is considerable call for diamond jewelry. Vacation season is drawing to a close and soon everybody will return to town with renewed energy for the Fall trade.

Fritz Abendroth, Portland, had a novel window display which was most appropriate at the time on account of a circus being in town. It was quite a good sized model elephant decorated in fine style with heavy Dutch chains. They were arranged about the elephant artistically and made a very at-

ESTABLISHED 1864.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.****Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.****JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.



tractive window, which drew considerable attention from passers by.

B. W. Felder is opening a branch of his Wilbur store at Almira, Wash.

J. W. Pape, Vernal, Utah, has just opened a jewelry repair shop in that city.

Mrs. Ernestene Lichtenstein, Salt Lake City, Utah, is remodeling the entire front of her store. While this is being done a large Hall safe will be placed in the store.

Joseph Perrault, Jr., Boise City, Idaho, has gone to Portland, Ore., where he will make his headquarters and represent a Chicago silverware house. He travels over the northwest territory.

A tray filled with \$50 worth of jewelry was recently taken from the store of Philip Stein, Portland, Ore. The robbers were interrupted in their work and fled, leaving the jewelry after them.

The store of G. Rheinland, at 1339 First Ave., Portland, Ore., was broken into a week ago and a number of fountain pens, valued at \$90, stolen. The thief entered the store through a transom in the rear.

The Salt Lake City jewelers have had especially fine window displays during the Elks' convention. One design consisted of a circle of elks' heads set around a gold clock with jeweled hands which pointed to the hour of 11 o'clock and in the center of the clock there was a massive diamond uniting the hands.

A burglar recently made an unsuccessful attempt to loot the store of John F. Boes, Salt Lake City, Utah. Mr. Boes heard the man cutting the glass in a rear window and firing upon him scared him away. Simultaneously with the shot a woman who was standing in the doorway was seen to rush from the place and it is thought by the police she was an accomplice.

### Columbus.

#### TRADE CONDITIONS.

While the local trade showed a marked improvement over the usual July conditions, the August business is discounting all records for the season. Without exception the retailers report an unusually heavy trade.

William B. Tucker has suffered a severe bereavement in the loss of his wife, who died suddenly Friday.

Jacob Beelman, a stockholder in the Hofman Supply Co., and the father-in-law of O. S. Hofman, died Wednesday evening after a month's illness. The deceased was born near Chambersburg, Pa., in 1824, and came to Ohio when 18 years of age.

Bancroft Bros., on Wednesday, incorporated, because the large increase in their business made necessary an increase in capital. After the first of September the firm will be known as the Bancroft Bros. Co. There will be no changes made in the management, Messrs. W. G. and A. H. Bancroft, Jr., who composed the old firm, remaining in charge as heretofore. The new capital will be used in increasing stock and in taking advantage of the cash discounts. The two brothers have been associated with the leading jewelry houses of this city for the past 25 years, and are justly proud of their success.

Alex. Marks and family, Lawrence, Kan., have gone to the Northern Lakes for a vacation.

There  
may  
be many  
good Studs  
on the mar-  
ket, there  
certainly are  
many bad ones,  
but there is only  
one BEST, only  
one at the top of the  
heap, and that is

## THE APEX

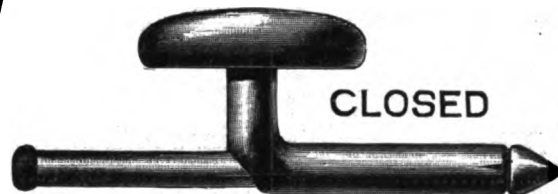
SIMPLE IN CONSTRUCTION,  
AUTOMATIC IN ACTION,  
ABSOLUTELY GUARANTEED,  
ADAPTED FOR USE IN  
EITHER BUTTON OR EYELET  
HOLE.

*The Most Perfect  
Shirt Stud.*

IT WORKS  
WITHOUT A SPRING.

IT SELLS  
WITHOUT EFFORT.

IT IS  
WITHOUT A RIVAL.



PATENTED MAY 21, 1901



PATENTED MAY 21 1901

FOR SALE BY ALL JOBBERS.

SOLE MANUFACTURERS IN 10K AND 14K. GOLD.

# CHAS. KELLER & CO.

192 Broadway, New York.



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## Special Notices.

Payable invariably in advance.  
 Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.  
**SITUATIONS WANTED, i.e. a word each insertion; minimum charge, 25c.**  
 Heavy type, double regular rates.  
 Display cards on this page, \$2.00 per inch.  
 In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

ENGRAVER, letter and monogram; also some die cutting; sell goods, etc. "H. I., care Jewelers' Circular-Weekly.

A YOUNG MAN (22), acquainted with the retail trade of this city and vicinity, seeks position as salesman. A. B. C., care Jewelers' Circular-Weekly.

POSITION by A1, experienced letter and monogram engraver and salesman; best of references and samples. C. W. E., care Jewelers' Circular-Weekly.

EXPERIENCED MOUNTING SALESMAN desires position; city and road experience; no objection to other line. "Reliable 75," care Jewelers' Circular-Weekly.

YOUNG MAN desires position with manufacturer or jobber as salesman in city; has been in jewelry line for five years. Address D. E. M., care Jewelers' Circular-Weekly.

BY ENGRAVER, 14 years' experience in factory, retail store and trade engraving shop; lettering, ornamentation and designing. "P. 15," care Jewelers' Circular-Weekly.

WANTED, POSITION in wholesale jewelry house; 20 years' experience as general inside man; A1 references. Address "Reliable 29," care Jewelers' Circular-Weekly.

FOREMAN and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

FRENCHMAN, speaking some English, who is professional designer, wishes a place in prosperous silversmith's house. Address "A. B. 77," care Jewelers' Circular-Weekly.

CONNECTION WANTED at once with manufacturing jeweler, by young man understanding German, to sell in city and vicinity. Address "Karat," care Jewelers' Circular-Weekly.

CAN MANAGE your store; the past six years employed as manager, buyer, salesman, French clock, jewelry and watch repairer; married; do not drink; best references. Box 591, So. Norwalk, Conn.

POSITION as watchmaker and plain engraver, or would take management of jewelry department in department store; good salesman, 17 years' experience; A1 references. Address Lock Box 894, Lyons, N. Y.

WANTED, permanent position as a first class watchmaker with a good reliable house; 20 years' experience; competent on fine and complicated work; best of references. Address "Permanent 66," care Jewelers' Circular-Weekly.

WANTED POSITION as foreman or manager; silver novelty manufacturing concern preferred, by a man 30 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

AT ONCE, first class German watchmaker, jeweler and engraver wants steady position with A1 house as watchmaker, jewelry repairer and engraver; plain, fancy, script, old English, monograms and ornamental work; state salary in first letter; prefer south or north. Address "L., 605 E. Main St., Richmond, Va.

WANTED, traveling position next January; 17 years' experience in retail jewelry store as watchmaker and salesman; past six years with Perry & Stone, New London, Conn.; other references with Mr. Tunison, 54 Maiden Lane, New York; any territory; American, age 35. A. T. Hatch, care Perry & Stone, New London, Conn.

NO JEWELER, engraver or optician, but an A1 watchmaker; 25 years' practical experience at the bench; capable of taking in and delivering; high grade imported and American railroad work a specialty for the past 10 years; satisfaction guaranteed; desires permanent position. "Chronometer," care Jewelers' Circular-Weekly.



**SITUATIONS WANTED—Continued.**

**YOUNG MAN**, 22 years of age, four years' practical experience, would like a position with some reliable optical house. Address "Optician 26," care Jewelers' Circular-Weekly.

**WANTED, POSITION** in wholesale or retail house; can do watch, clock and jewelry repairing; prefer not to; can take care of stock, window, etc.; neat, A1 salesman, can manage advertising; some road experience; good reference; member Page-Davis Advertising Association. "R. X. 58," care Jewelers' Circular-Weekly.

**Help Wanted.**

**WANTED**, at once, a first class jewelry jobber and stone setter; permanent position. Address Mather Bros., New Castle, Pa.

**WANTED**, a first class jeweler, who is also a good engraver, in a large city. Inquire of F. J. Boesae, 68 Nassau St., New York.

**WANTED**, first class watchmaker and jeweler who is an engraver and optician; good salary to right man. R. T. Crawford, Temple, Texas.

**WANTED, WATCHMAKER**, a good watchmaker for Pittsburgh, Pa., with good references. Inquire of Peckham Seamless Ring Mfg. Co., 45 Maiden Lane, New York.

**WANTED, YOUNG LADY** as order and stock clerk; one having had some experience preferred. Please apply by letter to Edward Todd & Co., 208 Fifth Ave., New York.

**WANTED, GOOD WATCHMAKER** and engraver; willing to make himself useful in store; one used to optics; state salary. B. E. Arons, 215 Smithfield St., Pittsburgh, Pa.

**WANTED**, watchmaker, must be fair engraver; send sample of engraving, also references; state experience; salary, \$15. Burt Ramsay & Co., 1-8-5 Colonial Arcade, Cleveland, O.

**ALL ROUND HUSTLER**, young, single, watchmaker, engraver, salesman, with tools; competent to run bench in first class city store. "Hustler," care C. A. Kiger, Kansas City, Mo.

**A NEW YORK wholesale jewelry house** desires a stock clerk and inside salesman; state experience, salary expected, reference, etc. "Reliable 87," care Jewelers' Circular-Weekly.

**WANTED, AT ONCE**, western traveler; one with a trade or knowledge of loose diamonds, mounted diamonds, and mountings preferred. "Maiden Lane," care Jewelers' Circular-Weekly.

**WANTED**, thoroughly competent watchmaker and engraver; state qualifications, age, married or single, and wages asked; permanent position. E. R. Mason, 69 Court St., Binghamton, N. Y.

**WANTED**, young man as traveling salesman to sell imported watches. Address, stating full particulars, salary expected and references, "Permanent 89," care Jewelers' Circular-Weekly.

**WANTED, WATCHMAKER**, none but first class man need apply; good wages and steady job to the right man; send full particulars in first letter. Henry Kohn & Sons, Hartford, Conn.

**WANTED**, competent watchmaker; must be good engraver and jewelry repairer; send sample engraving; position permanent; salary \$25 per week. Address Box 97, Grand Forks, North Dakota.

**A WELL-KNOWN New York jobber** of watches and jewelry desires, Jan. 1, 1903, an outside traveler with established trade; state territory, experience, etc. L. T., care Jewelers' Circular-Weekly.

**WATCHMAKER WANTED AT ONCE**; wages \$12.00 to start; steady work; easy place with reliable firm; must own tools and have references. Address "Watchmaker 97," care Jewelers' Circular-Weekly.

**WANTED, ASSISTANT WATCHMAKER** and jeweler; permanent position to young man of good address and ability; wages from \$12.00 up; give full particulars in first letter. Philip Ruprecht, Sharpsburg, Pa.

**WANTED, BY OCT. 1**, first class engraver, jeweler and stone setter; salary, \$20 per week and permanent position; sample of engraving and reference with first letter. Address W. F. Fischer & Bro., Chattanooga, Tenn.

**WANTED**, three good men that can do watchmaking, engraving and jewelry repairing. Apply to the following firms: Messrs. Bass & Bro., Terrell, Tex.; Perkins Bros., Nacogdoches, Tex.; Ben E. Smith & Co., Sulphur Springs, Tex.

**WANTED**, for an office position, a young man familiar with the American pearl business. Address B. K., care Jewelers' Circular-Weekly.

**WANTED**, third week in September, a first class watchmaker and clock repairer; steady position; single man preferred; must be honest, good habits, no drinking man need apply; wages, \$12 a week. Address P. O. Box 245, Hagerstown, Md.

**WANTED**, a traveling salesman to sell our line of metal polishes in the middle west; established trade by a house of 29 years' standing; salary and expenses; unmarried man preferred; send references, state age and experience. J. A. Wright & Co., Keene, N. H.

**WANTED**, manufacturing jeweler and first class engraver; one who understands common watch work preferred; or first class watchmaker and engraver; no boozers or horological school graduates wanted; state salary and send samples of engraving. Hal B. Smith & Co., Logansport, Ind.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19," care Jewelers' Circular-Weekly.

**WANTED**—By a prominent jobber in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1903. Box 91, care Jewelers' Circular-Weekly.

**WANTED, SALESMAN** well acquainted with jobbing and department store trade west of Denver and Pacific Coast to handle our line of white stone goods, link buttons, etc., on commission basis; also, salesman for the south and southwest. Apply to D. Z., care Jewelers' Circular-Weekly.

**HUSTLING SALESMEN**, selling to the jewelers and department stores, can earn from \$25 to \$50 per week with our side line of 14 karat gold filled rings; our own manufacture; we put up goods for the trade in beautiful display show cases and trays; samples are easily carried; commission, 20 per cent; state territory traveled and references of firm employed with. Address Arnstine Bros. & Mier, 533 Rose Bldg., Cleveland, Ohio.

**ABRAHAM & STRAUS**, Brooklyn, require in their jewelry department a first class salesman; must be thoroughly conversant with general line; also a young man competent to receive and estimate on repair work. Apply by letter or in person.

**Business Opportunities.**

**\$1,500 CASH** buys the best opening in the United States, located in New York State, at a bargain. Address L. Nibur, Oswego, N. Y. Curio hunters or dreamers please write not.

**A JEWELER'S stock**, fixtures, tools and material, invoiced over \$5,000, in good condition, located at Boone, Iowa, must be sold soon. Address Hawley Main, Boone, Ia.

**JEWELRY PLANT**—Fully equipped jewelry plant; lathes, presses, rollers, draw bench, polishing lathes, benches, two safes, office furniture, etc.; terms easy. H. G. Lefort, 60 Arlington St., Newark, N. J.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

**FOR SALE**, in Roanoke, Ala., stock and fixtures, amounting to about \$2,000; only one store of the kind in the place; brick building; rent cheap; town has electric lights, water works and ships 20,000 to 25,000 bales of cotton a year; terminus of Central Georgia R. R. in eastern Alabama; healthy climate; will sell cheap for cash; good opening for right party. Address "G. 21," care Jewelers' Circular-Weekly.

**For Sale.**

**FOR SALE—SIGNS**. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**Miscellaneous.**

**BUYING FOR CASH** entire stocks of jewelry or surplus; highest references; established 1890. S. Less, 35 Prospect St., Brooklyn, N. Y.

**ALL JEWELERS and jewelry clerks** (either sex) should know how to put photographs on watch-cases; also on china, silk, linen, etc.; our chemicals will do this for you at a very small cost; send 2-cent stamp and we will send you illustrations and full particulars. North Shore Mfg. Co., P. O. Box 166, Lynn, Mass.

## WASHINGTON Watchmakers' Institute,

1425 NEW YORK AVE., N. W.  
WASHINGTON, D. C.  
Write for Particulars.

# JUST OUT.

THE 1902-3 EDITION OF

The Jewelers' Circular-Weekly

# Vest Pocket Directory

of the Jobbers and Manufacturers in the Jewelry and Kindred Trades.

A HANDY, CLASSIFIED  
LIST \* FOR \* BUYERS.

Price 50 Cents.

The Jewelers' Circular Publishing Co.,  
11 John Street, . . . New York.



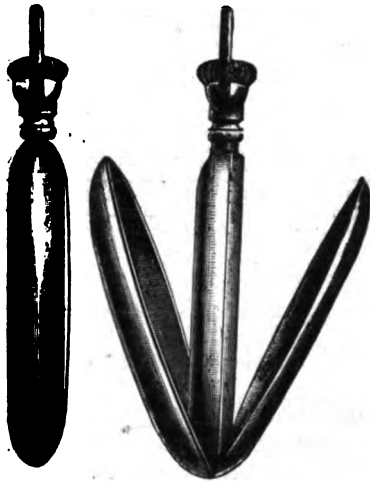
## MOST COMPACT AND THINNEST DUST-PROOF

HUNTING and OPEN FACE

## GOLD CASE

MADE IN THE WORLD  
FOR  
AMERICAN MOVEMENTS.

Made in all shapes, engine turned,  
engraved or plain.



Colby Patent, April 24, 1894.

**DUBOIS WATCH CASE CO.,**

21-23 Maiden Lane, N. Y.

## The *New Century* TYPEWRITER

does the BEST WORK and lots of it,  
EASILY.



**STRONG, THOROUGHLY BUILT,**  
Superior in results to any other.

Write for  
"The BOOK of the NEW CENTURY."

AMERICAN WRITING MACHINE COMPANY,  
343 BROADWAY, NEW YORK.

### Louisville, Ky.

Sam Frank left Saturday for New York.  
E. W. Ledman is away on his vacation.  
J. K. Lemon and family are at Bay View, Mich.

E. E. Mitchell has returned from several weeks at Atlantic City.

The engagement of Geo. Wolf, of Geo. Wolf & Co., to Miss Nannie Murray, of Salt Lake City, has been announced.

R. L. Gebhard, an expert watchmaker, has just returned from New York, where he has been for several weeks making arrangements to put his famous astronomical clock in the new Macy store. The clock is now on exhibition at the Board of Trade Bldg. here.

### Florida.

F. Von Stein has located in Brooksville, Fla., in the Butterwick building.

A fire originated, last week, in the store of E. W. Clark, Tallahassee, Fla., and about \$300 worth of damage was done.

Another attempt to despoil V. E. Jacobs & Co., Jacksonville, Fla., of two gold rings was made a short time ago. A negro stole them, but Lionel Jacobs made him disgorge at the point of a gun.

J. I. Stephens, Pensacola, Fla., will move about September 1, four doors south of his present location, into the store now occupied by Bass & Co. The new location will be much larger and more convenient.

### New Orleans, La.

Gabe Hausmann, of T. Hausmann & Sons, returned, Friday, from a prolonged business trip to New York, where he had been purchasing goods for the firm's Fall trade.

Henry Kolhasse, well known to the jewelry trade through his position as weigh clerk in the U. S. Mint in this city, committed suicide Saturday. His accounts were found to be short \$75, an amount which he is supposed to have taken out of gold sold to the Mint by jewelers. This is supposed to be the reason for his act.

### Harrisburgh, Pa.

E. S. Marshall, a Reading optician, is about to wed Miss Amanda Marshall of that city.

About \$800 damage was done by fire at the home of Jeweler A. Liachowitz in

Shamokin last week. The fire was caused by a match flying off into a wardrobe.

Peter G. Diener has presented one of the city fire companies with a clock.

### Trade Gossip.

A novelty just placed on the market, and one that will undoubtedly prove a great seller, is a new photo souvenir match safe, made by S. Biren, 48 and 50 Maiden Lane, New York. On the front of the match safe is a frame in which a button miniature photo of any grade may be easily placed and removed. The match safe is made in sterling silver, and the design and workmanship are of a high class. Samples will be sent on memorandum upon application to Mr. Biren.

Mechanical die cutting has been an established trade in Paris for many years, and has accounted for the exquisite work shown by Paris manufacturers, and for the many sizes of the same die so frequently displayed by foreign "estampeurs." These machines are now being introduced in the American market, and they offer possibilities to the American die cutter quite impossible with hand work. The Janvier reducing machine, properly called a die-cutting machine, now being exhibited by Deutsch Bros., 14 E. 17th St., New York, has elicited much favorable comment from die-cutters and machinists who have seen it at work. The machine is entirely mechanical, and after it is once set and started requires no further attention. It is claimed that it cuts either dies or hubs with equal ease and from a model of any size; thus the model need not be a set size to produce a certain size die, but the die can be cut any fractional size of the model. Right and left dies may also be cut from one model. This latter feature is a great advantage when dies face to one side, as they can be reversed and made to face in the opposite direction. With this machine the depth of the relief can be altered with facility, thus attaining a greater perfection in the finished work. The product when taken from the machine, it is said, requires no touching up or handwork of any kind. Two sizes of machines are shown. One will cut a die or a hub up to 14 inches, the smaller one up to 4½ inches. The Janvier machine is simple in construction and requires no experience on the part of the operator to produce excellent work at a minimum cost.



## NEW PHOTO SOUVENIR Match Safe.

A NOVELTY.  
A GREAT SELLER.

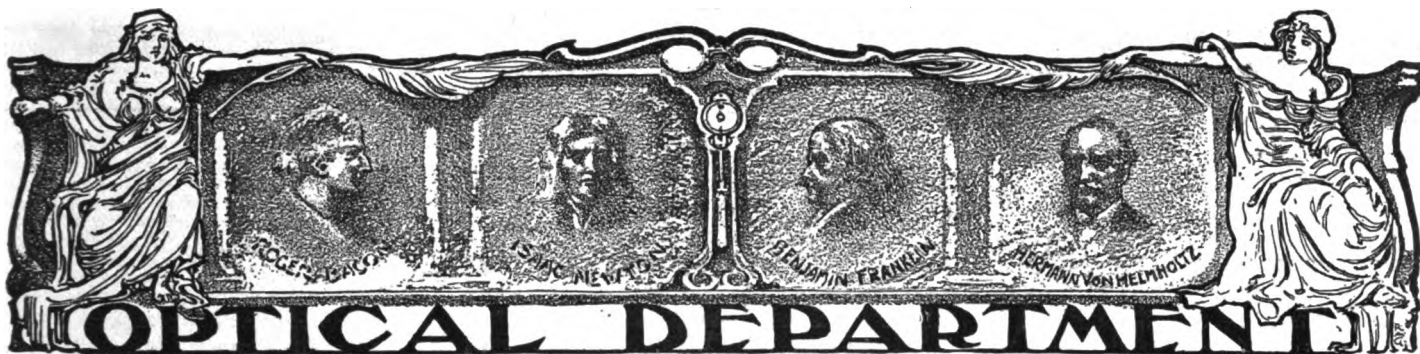
Pat. April 15, 1902.  
Cut ¾ actual size.

A BUTTON miniature photo of any grade can be placed in and removed as desired by the purchaser. Made in sterling silver and sold as cheaply as any other sterling match safe.

The design and workmanship are up-to-date and present a very rich and elegant appearance. Prices and samples furnished on application.

**S. BIREN,**  
48-50 Maiden Lane, New York.





CONDUCTED BY GEORGE A. ROGERS.

34TH YEAR.

WEDNESDAY, AUGUST 27, 1902.

VOL. XLV. No. 4.

## AMERICAN OPTICIANS IN CONVENTION.

**The Fifth Annual Meeting of the American Association of Opticians, at Boston, August 19-23.**

Boston, Mass., Aug. 25.—The fifth annual convention of the American Association of Opticians, which opened Tuesday morning of last week at the American House, was successful in every particular. Representatives of the various branches of the optical industry from all parts of the country and from Canada began to assemble at the headquarters of the convention as early as Sunday. Others kept coming in all day Monday and on Tuesday morning the western contingent arrived on a special train, three sleepers full, headed by President Ellis and A. C. Larson.

Tuesday morning was devoted to the registration of members and the examination of the various exhibits and demonstrations in the exhibition hall. Each member on registering was given an official badge of morocco leather in the shape of a miniature eyeglass case; these badges were furnished in a variety of colors and were stamped in gold with the inscription: "American Association of Opticians, Hub, 1902."

The exhibition hall contained some 25 different displays by manufacturers and jobbers of articles and instruments appertaining to the optical profession; in the main the exhibits were highly interesting and instructive and the numbers of members who thronged the hall at all times during the convention testified to the success of this feature of the convention.

The first business session, with over 150 delegates present, was called to order in the convention hall at 2.15 p. m. by President Ellis. An address of welcome to the visiting members was tendered by E. P. Wells, of the Globe Optical Co., President of the New England Optical Association.

After extending a hearty greeting to the delegates on behalf of the New England Association, Mr. Wells spoke of the stand the latter society had taken in the matter of requiring of its members a high standard of education and expressed the hope that the American Association of Opticians might follow its example in this regard.

Harry P. Holmes, first vice-president, on behalf of the Association, responded to the address of welcome in an appropriate speech dwelling principally on the influence of the historic spots and memories with which Boston is overflowing.

The annual address of the president was

then delivered by President John H. Ellis, South Bend, Ind., and was as follows:

### THE PRESIDENT'S ADDRESS.

To the Members of the American Association of Opticians:

In approaching the final duties as president of the A. A. of O., during the fourth annual cycle



PRESIDENT JOHN H. ELLIS.

of the Association's existence, I wish to express my appreciation of your generous suffrage by which I have been honored, and to thank my fellow officers and committee men for their kindly co-operation in conducting the business of the Association.

We come together this year under most favorable circumstances for a solution of some of the knotty problems which have in the past been a stumbling block to the Association's becoming what we all have hoped it would—an individual benefit to the members.

Your president took upon himself the responsibility of issuing an invitation to all the optical societies to send a representative to this convention. I am pleased to note that 12 of the societies have availed themselves of this opportunity, and we have with us the representatives of at least 12 of the State and local societies, representing as many different sections of the country. One of the great drawbacks to our former conventions, has been that they were not a fair representation of the profession, but had more of the color of a sectional gathering. The cause of the op-

tionian is a universal one, and his interests are only limited by the limitations of civilization. All meetings of a national character should have representatives from all parts of the country. As it has been in the past, local interests have controlled the actions of the Association, which is followed by a change of policy each year. Such changes are not conducive to the progress of the profession.

I feel that the fifth annual convention of the American Association is to be an eventful one in the history of optometry, and I congratulate my fellow members of the Association upon the general awakening of the followers of the calling to the importance of organization that is shown not only in the increased number in attendance at this meeting, but is clearly depicted by the increase of the number of State and local societies that have been organized since the Chicago convention.

At that time there were 26 societies, with an estimated membership of 1,000, whereas to-day they have 31 societies with an estimated membership of 2,000. The figures are computed upon the reports made in the trade journals.

This material growth of the State societies is *prima facie* evidence that the profession is alive to the spirit of the times, which is for closer and stronger organization, as is seen by the uniting of all commercial, social and professional interests for the preservation of their individuality and the betterment of their conditions. And why should not we, as a profession, perfect our organization that we may enjoy our rights undisputed.

To our brethren in Minnesota belongs the banner of victory; they have secured legal recognition, and have established a precedent that we so much need, which will assist other States in accomplishing like results.

The members of the Iowa State Society are to be commended for the noble effort they have made for legal recognition, and while they were not successful, the results were sufficiently encouraging to justify another attempt at the next session of their legislature with hope of success.

In response to an inquiry made by one of the Board of Optical Examiners of the State of Minnesota, as to the benefit derived by the profession from the working of the law, he reports that since the law took effect there has been four times the number of optical text books sold in the State to opticians, registered under the law, who had practiced previous to its passage, than during any previous year. From this fact my correspondent draws this inference: That the law has had the effect of compelling a practitioner of optometry to become more proficient. He thinks it is a little early to tell just what the general effect of the law will be, but considers that it has raised the calling in the estimation of the public, and is gradually weeding out the incompetents.

### LEGISLATION.

Legislation to control the practice of optometry is one of the most important questions for our consideration, and one on which this Association, in its present form of organization, can have but a very limited influence, other than placing itself on record as favoring the enactment of laws in all States, that will fix a requirement for the privilege of entering the practice of optometry, and compelling the registration of all those now in practice.

In regard to all matters of legislation I would recommend that we place ourselves in opposition to all medical bills referring to the practice of optics, or that can be construed as applying to the



## Optical Department.

calling of the optician, until such a time as we are sufficiently organized, and have strength enough to make our presence felt legislatively, or in other words, that we act on the defensive rather than the creative.

I would recommend that you make provision for a legislative committee to co-operate with like committees from State organizations.

### REPORT FROM BOARD OF REGENTS.

The Board of Regents will submit their final report during this convention, upon the proposed plan of the American College of optometry, under the supervision of this Association. The regents have made a strenuous effort to develop this plan, and their mid-year report to the Executive Committee, with which you are all familiar, was commendable. While there was some misunderstanding as to the exact conditions by which the regents were surrounded, yet the results have been favorable to this meeting, inasmuch as their work has developed considerable enthusiasm.

The college idea has some good features and others that are not so commendable. There is a feeling that should the Association attempt the educational fields that it would deprive us of the co-operation and support of those already in that branch of the calling. We all appreciate that there have been many abuses in the school system which have had deleterious effect upon the profession, and they can only be eliminated by fixing a legal requirement for the privilege of entering practice or establishing an educational standing as a requirement for membership in our societies.

So far as diplomas and degrees are concerned, the country is surfeited with them, and we should avoid any so-called plan of education that is apparently calculated to still further overstock the market with that sort of goods.

In my humble opinion this Association should either identify itself with some plan for a *bona fide* school having a fixed home with a faculty of instructors and an educational equipment, and all of the other paraphernalia belonging to such an institution, or be satisfied with countenancing such institutions as have those facilities.

I am willing to refer the educational matters to you for final consideration without further recommendations.

### DEGREE.

From the beginning of organized optometry there have been sporadic attempts to secure and adopt a suitable title by which the refracting end of the profession could be differentiated from the dispensing optician, and not conflict with our medical brethren. Now, if such a title is essential to our future, and it seems to be, from the persistency with which the question presents itself, I would suggest that we adopt a title "Dr." properly qualified, or some other title, and have it simultaneously put into use in all parts of the country, requesting the properly chartered schools to confer the degree upon their graduates.

I find upon investigation that most titles have been established by common usage rather than by legislative enactment.

### REORGANIZATION.

The present working of the optical societies has been aptly compared to the functions of accommodation and convergence of the eyes, and the results with the reflexes that follow in the wake of lack of harmony in these two functions. The State societies have been likened to the accommodation, and the American Association to that of convergence.

These functions working in perfect harmony, the possessor of the eyes has a greater resisting power with which to combat environments that are conducive to impaired health. Realizing this great truth, and appreciating that the field of our usefulness has grown to immense proportions, and is on the increase, and that the facility for educational advantages for our calling has kept pace with the needs of the public, I feel that we are prepared to go before the world as a profession with attainments worthy of consideration. If we do this and are careful to do it in a proper manner, it will be but a short time before we will be one of the bright stars of the professional arena.

The president, fully appreciating this fact, requested the Board of Directors, at their annual meeting, to empower him to appoint a special committee for the purpose of drafting a plan of reorganization to be presented to this convention, to be based upon the federation of the State and Territorial societies with that of the American Association, with a delegate representative legisla-

tive body. This plan will be given in detail in the report of the committee.

We are living in a time when the predominating feature of all branches of business are organizing upon a closer plan, for the better protection of their interest.

At the time this organization was founded, professional optometry was in its incipency, with the commercial side of optics predominating. During the past four years there has been a steady growth of professionalism, and the future will, undoubtedly, see a still larger growth in that direction. So far, this organization has no advantages to offer to the professional optician. It is conceded that the Association was prematurely born. It was organized more on a commercial than a professional basis, that is, the optician was looking to his business interests, and the idea of professional practice was hardly given a thought. The State societies were quite differently conceived, and have grown much more rapidly, and have become much more important factors in advancing the profession than this organization.

As a matter of fact the A. A. of O. must be reformed in the direction of advancement of professionalism, or it will very soon outlive its usefulness, and be compelled to give place to a federated association consisting of the representatives of the different State societies.

Whether or no this society shall place itself in line with this development, and allow what vitality it has to go into the new movement, is a matter for you to determine at this convention; which, in my opinion, will be your last and only opportunity.

The ideal optical society of to-day is the society in which the professional optician constitutes active membership, and in which there is no mix-up of all sorts and kinds, every class pulling in diametrically opposite directions. I am stating these things, not because I want them to be so, but because they are so. What the professional optician wants is a professional society. If you are not going to give it to him, he will make it himself, and when he does there will be nothing but husks left of what was once the A. A. of O. In other words, the society must be something or nothing, in my opinion.

There is nothing in this proposition, to make this a professional rather than a mixed body, hostile to its close affiliation, giving recognition and extending courtesy to, with dependence upon, the other branches of the optical business. What we want is a strictly central organization, representing an active membership with just as many affiliating trades in its associate membership as ever, such as jobbing, manufacturing opticians, trade journals and school representatives as associate members with limited privileges.

I also recommend that there be a gradual progress made in the restriction of membership, based upon an educational qualification; that at first the qualification be practical, and the technical examination gradually introduced.

The advantages that would accrue from the adoption of some such plan as will be reported by the special committee on reorganization, would be, that it would enable the societies to do much to preserve the rights and privileges of the individual members, it would eliminate many of the bad features of the present meetings of the Association. The present plan of organization and the methods of conducting its business allows too much time to be wasted in the consideration of generalities, which should be utilized in scientific and educational work. Whereas, if we had a delegated legislative body, all controversial questions could be referred to it and in that way relieve the general session of the same, giving the members more time for friendly interchange of ideas, assisting in the breaking down of the petty jealousies that have handicapped the Association, in the past, permitting us to concentrate our energy harmoniously upon those things that are essential, not only for the present usefulness, but also for the continued welfare of the profession.

The American Association would have an increased membership. For the past two years our membership has remained at the 400 mark. I believe that with the federation of all the State societies we could safely count upon the membership reaching at least 1,500. It would be an impetus for the growth of the present societies, and be an inspiration for the organization of societies in those States where they do not now exist. I believe that we could wield an influence in legislative work, so that we could have a uniformity in the optical laws that will be enacted in every State, with an exchange of certificates or licenses, in this way reducing to a minimum the annoyances that State boards in the medical profession have

had to combat. By a pro rata of dues upon the basis of \$1 to the American Association and \$2 to the State societies, a sufficient revenue to maintain the expenses would result. The reduction in the dues of the State societies, which is at the present time in some cases exorbitant, would be an inducement for many that are not now members to become members. The increase in income of the American Association would enable us to establish what might be called a legislative or defense fund, and other desirable lines of work.

Following the president's address came the adoption of the minutes of the 1901 convention and the reading of the treasurer's report. An auditing committee consisting of P. A. Dilworth, New York; G. E. Holmberg, Peekskill, and F. A. Upham, St. Paul, was appointed to audit this report, which was as follows:

### REPORT OF TREASURER, AUG. 10, 1902.

Balance, Aug. 10, 1901.....\$207.39  
Received from dues.....790.00

Total .....\$997.39  
Paid for badges for 1901 convention....\$40.75  
Expenses members attending committees..284.04  
Stationery, printing and postage.....153.65  
New England Passenger Association.....11.00

Total .....\$489.44  
Balance on hand.....507.80

Upon a later report of the auditing committee the treasurer's report was adopted.

The report of the membership committee was then called and was read by F. L. Swart:

### REPORT OF MEMBERSHIP COMMITTEE.

Mr. President and Members of the Association:  
In submitting the report of the work done by the Membership Committee for the past year I wish to make an explanation.

Section 6 of the by-laws reads: "There shall be a Membership Committee of five, appointed by the president, whose duty it shall be to pass upon the application of members submitted to the secretary, with authority to elect. They shall use all legitimate means to increase the membership of the Association."

This committee is usually composed of members residing such a distance from each other that it makes it impractical for them to meet together, so the business has to be done by mail. The committee started out to follow this rule, and in sending the applications from one member to another, a good many never reached the secretary again from the committee, and one member of the committee was lost sight of entirely, he having moved from the given address.

I wrote to the president regarding the matter, and he told me to do the best I could. I knew that Mr. Wells was permanently located, and could be easily reached from my place of residence, so, after having had considerable trouble trying to find the lost applications, without success, we took it upon ourselves to act upon the applications without submitting them to the rest of the committee.

Article 8 of the by-laws reads: "Candidates for membership may be proposed upon application to the secretary; said application to be in writing upon blanks provided for the purpose, endorsed by two members of the Association, and accompanied by the membership fee, when it shall be acted upon by the Membership Committee."

A great many of these applications received were not endorsed by any member of the Association, and at first we allowed them to go through without such endorsement; but Mr. Wells thought it best not to continue the practice, so those received thereafter without the endorsement were returned to the applicant for the signature of at least one member (although the constitution reads that they shall be endorsed by two members of the Association), and most of them were allowed to go through with only one signature.

It seems almost impossible for some of the applicants to secure signatures, because they do not know who the members of the Association are, and we would recommend that hereafter the secretary have a complete list of members printed to be sent to each person requesting an application blank, or to anyone upon application; we think it would also be well for the members of the Association to be furnished with such a list.

Upon the conditions above named, the following have been elected to membership during the past year:



## Optical Department.

From the State of Massachusetts—Eben Hanley, Theo. C. Miller, J. T. Walsh, W. R. Donovan, Carl N. Quinsby, George A. Barrow, Briggs S. Farmer, Harry L. Houghton, Wm. L. Thomas, all of Boston; Albert White, Lowell; Wm. L. Bemis, Brockton; Willis W. Gleason, M.D., Princeton; B. M. Chisholm, Amherst; Warren Leland Maxcy, Salem; Blau C. Herrett, Salem; Clarence B. Hart, Lynn; Alfred Thomas Herriott, Norwood; S. W. Bakes, Rockland; J. E. Whiting, Andover; R. H. Miller, South Framingham.

From the State of New York—T. Edgar Wilson, A. M. Frankel, Adolph Slutel, Willis Eheyng, Wm. A. Hohl, Harry E. Pukup, Edgar D. Lewis, New York City; Garrison E. Shoemaker, Middleburg; Arthur T. Hoyt, Moravia; A. E. Tera, Groton; Chas. J. Fuller, Phoenix; W. F. Barry, Schenectady.

From the State of New Hampshire—D. E. Gordon, Hillsboro; Mulford E. Burpee, Manchester; Fred C. Sanborn, Wilton; Edwin W. Folsom, Somersworth; Nicholas D. Sawyer, Laconia; Geo. L. Whitehouse, Dover; Foster W. Martin, Nashua; W. E. Wright, Keene; Almon C. Potter, Lebanon; W. H. Mould, Fremont.

From the State of Virginia—G. Leslie Hall, Norfolk; C. H. Pudab; A. F. Janke, Jr.; Frank S. Ballington; Lewis T. Rodgers; F. Weidenfeld, Richmond; John W. Buchanan, St. Petersburg; Henry W. Lang, Scranton.

From the State of Ohio—Robert T. Ackley, Warren; T. Conden Boalen, Cleveland; P. A. Hoeret, Cleveland; Otto A. Bauer, Edwin Goldstein, Zanesville; A. L. Thoma, Dayton.

From the State of Indiana—Chas. F. Challenger, Fort Wayne; L. C. Lowell, Richmond; W. H. Resner, Hagerstown; Chas. W. LeLaney, Hammond; Wm. Hageltown, Kokomo.

From the State of Maryland—J. H. Brandt, Frank A. Persohn, J. W. Warner, G. W. Metcalf and Justice Stalin, Baltimore.

From the State of Pennsylvania—Howard Thornton and Alexander Martin, Philadelphia; Joa. L. Miller, Williamsport.

From the State of Colorado—Herman Saylor and Miss Edyth Gallup, Denver; H. David Kletzeley, Pueblo.

From the State of Illinois—Miss Anna Summerfield, Arthur Vincent Levy and F. M. Taylor, Chicago.

From the State of Rhode Island—G. Frederick Brane, Wison S. Eastman and George R. Herron, Providence; Chas. D. Mueller, Newport.

From the State of North Carolina—Geo. L. Deitrich, Marion.

From the State of Montana—J. Harby Nusheimer, Glendive.

From the State of Maine—Geo. McPresson, Farmington; Edward E. Tuttle, Portland.

From the State of Michigan—E. W. E. Paterson, Grand Rapids.

From the State of Kansas—Ambrose W. Melhush, Ottawa.

From the State of Missouri—F. D. Ormund, Sedalia.

From the State of South Carolina—Edward Smering, Chester.

From the State of Nebraska—W. O. Drishaus, Schriener.

From the State of Mississippi—Jacob Ed. Briggs, Fayette.

From the State of Vermont—A. S. Haskins, St. Johnsbury; C. J. Hubbard, Ludlow; F. W. Norris, Scranton; A. R. Campbell, Marville.

From the State of Minnesota—Albert Meyer, Minneapolis.

From the State of Arkansas—P. M. Rigdon, Texarkana.

From the State of Wisconsin—Benj. W. Wesner, Black River Fall.

From the State of Georgia—E. H. Kitrell, Dublin.

From the State of Connecticut—W. E. Nuss, New Haven.

From the State of New Jersey—Thos. H. Bowen, Bridgeton.

From the State of Washington—H. Clay Eversole, Seattle.

From the State of Arizona—Ernest Jonson, Globe.

From British Columbia—Louie O. Olt.

From the Indian Territory—H. O. Elkbery, Colgate.

From New Zealand—Zinter Metz, Limarn.

Making a total of 136, which shows a healthy growth of new members.

The committee has exercised its best judgment in

admitting persons to membership, and has found it necessary to reject but one application, the person being found unqualified after careful investigation. Respectfully submitted,

F. L. SWART,  
W. C. SOMMER,  
E. P. WELLS, Committee.

Following this report came the reading and adoption of the report of the committee on exhibits. The committee made the recommendation that at the next and succeeding conventions a nominal charge be made for space in the exhibition, instead of granting it gratuitously to firms desiring it.

The report of the Board of Regents, dwelling on the question of the advisability of the Association's taking the initiative in the founding of a national college of optics was presented by J. C. Eberhardt, Dayton, O. After its hearing this report, which follows, was laid over for open discussion at a later session.

### REPORT OF BOARD OF REGENTS.

Boston, Mass., Aug. 20, 1902.

To the President, Officers and Members of the American Association of Opticians, in Regular Annual Meeting Assembled.

Gentlemen—At the last annual meeting the question of a college plan was referred to your Board of Regents, with instructions to make a mid-year report with such recommendations for making the same feasible and effective as it might deem wise. At the Spring meeting of the Executive Committee, a report outlining in detail a plan was submitted, approved, and the secretary instructed to forward copy of report with list of questions for thesis to the membership, requesting that a mail vote of approval or non-approval be taken thereon, enclosing an addressed postal card containing blank vote, to be endorsed "favorable or unfavorable."

In response the secretary received 162 votes, of which number 149 were favorable, and 13 unfavorable. The Board of Regents feeling that the result indicated that a majority were favorable to the plan, urged the membership through the columns of the trade papers to submit their thesis, preparatory to assisting in the permanent organization of whatever plan would be determined upon at the Boston meeting, emphasizing the fact that under the terms of the report the question of diploma fees, curriculum, etc., would be submitted to the Boston meeting for final action. Through misconception of detail a controversy arose which had the effect of causing many, contemplating co-operation, to defer filing of thesis, believing that plan would be postponed pending action of annual convention, otherwise the number of theses submitted would have been considerably larger.

The Board has received 84 theses, all of which show evidence of earnest effort and deserve the highest commendation. Many letters were also received heartily endorsing the effort and pledging support, many being from non-members of the Association, who have since obtained membership, whereas it seems that some of the thesis were submitted by non-members, who certainly will make application, as membership is essential to eligibility. Thus the Board feels that it at least has furnished an incentive to many to identify themselves with the Association, whereas judging from the tenor of numerous letters from evidently bright and capable refractionists, who signed themselves as "Thesis Writers," it has been the means of creating a wholesome enthusiasm, which should receive the encouragement of the Association.

The plan submitted by the Board of Regents contemplated the organization from the ranks of the refracting membership of the Association of a scientific branch, for the purpose of prosecuting analytical research along lines pertaining to the profession of optics, the establishment of a code of ethics, and by making the requisites for eligibility consist not only that of being engaged in the exclusive practice of optometry, and being possessed of the requisite capacity and information, but also evidence of a reputation for integrity, morality and good citizenship, would eventually evolve from this necessarily imperfect beginning, a body, membership in which would be a sought after honor, and which could ultimately be made a powerful factor in contributing to the elevation and advancement of the profession. The criticism has been urged that a double standard of membership would prove harmful to the per-

petuity of the Association. The plan under consideration, however, contemplates no double standard. We are one common family engaged in optics in its various branches, the manufacturer will profit by the experience of the refractionist in his daily analysis of optical phenomena, and will supply him with the necessary mechanical adjuncts to obtain the best results, whereas, the jobber who constantly is in touch with both the refracting and dispensing element will be able to anticipate many needs essential to bring optics abreast of modern demand, thus all branches having interests in common, and one of necessity depending upon the other will always be able to profit by meeting upon neutral territory at regular intervals for discussion.

Thus, there is no reason why the various branches should not have their individual organizations within the general association; the manufacturer, the jobber, the dispensing opticians and the refracting opticians, who during the annual convention after the general business before the Association has been disposed of, could have their own executive sessions dealing with matters pertaining to their specific departments; in this manner a large number of papers could be read, each devoted to its particular field of investigation, all elements would have a broader opportunity for participation and would as a consequence receive a greater proportion of benefit; whereas, the general welfare of optics at large and the object of the Association would be subserved.

The Board of Regents would therefore recommend, that the Association endorse the effort being made by its refracting members to effect an organization for specific work along educational lines. In the past few years a marked awakening has evidenced itself amongst the members of the optical profession, and on all sides we hear the interrogation, "How can we advance and elevate our calling?" Many plans have been suggested, which all lead back to one common center, "Lack of Scientific and Technical Equipment." Cannot some means be found that will furnish the incentive for superior qualification and create that demand which is essential to obtain more complete and thorough courses of instruction?

For obvious reasons the organization of a college in fact is out of the question at this time, whereas a nominal organization in this guise would not prove popular or efficient; the indiscriminate issuance of diplomas, certificates or conferring of degrees would belittle us in the eyes of the professional world, and the public in general. Again we are asked for the fruits of our organization—what have we accomplished?

Is it not a serious matter to see the best years of our usefulness pass by and realize that no evidence of our existence as an organization is left behind? Your Board of Regents one year ago pledged itself that a beginning, however crude, should be made, and as an evidence of good faith it presents to the Association a list of 84 names, who have taken the first step in their emancipation, and are willing by patient and persistent effort to contribute in any manner tending towards the desired end.

Since the days of Plato, who, 350 years prior to the Christian era, amidst the sylvan groves of Academus, near classic Athens, disseminated his philosophy, until the present day, analytical minds throughout the civilized world have organized themselves into societies called "Academies" for the purpose of advancing the arts and sciences, compiling and perpetuating the fruits of their investigation for the benefit of humanity, inciting research and rewarding merit by suitable honors.

The first society for the prosecution of physical science seems to have been "The Academia Secretorum Naturae," established in Naples, Italy, in 1560, to which only such were admitted as had made some useful discovery in medicine or natural philosophy. In contemplating the histories of the various academies we find that they all had their origin within small gatherings of serious men, who by organized and specific investigation contributed to the advancement of the sciences and proved of inestimable value to the human family.

Your Board of Regents have had a good opportunity during the past year, in their investigations upon the educational question within the American Association of Opticians, to find the prevailing opinion of its members, and after looking at the matter from the broad ground of general expediency, they have come to the conclusion that to try to promote any college or educational institution within said A. A. of O. is not within the province of this Association as it now exists, and that to call any effort of ours, no matter how ambitious or worthy the motive, a college is at



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least a misnomer. We would therefore make the following recommendation:

*Resolved*, That an organization entitled "The Physiological Branch of the A. A. O." be formed of such refractionists as have already shown their interest in this branch of the work, by having submitted a thesis as prescribed by the Board of Regents, and such others who desire to become members, who shall conform to the requirements for membership in said physiologic branch as may be determined upon. The object of this branch shall be to stimulate the desire for the more technical and scientific equipment in the field of physiologic optometry, and to recognize high attainment in this branch by the conferring of some suitable honor upon those being found worthy of this distinction, similar to that awarded by the various scientific academies.

Only seven years ago Prof. Roentgen, of the old University of Wurzburg, Germany, startled the scientific world by his discovery of the now generally known X-ray, an entirely new factor in the electric field; the past few years have been replete with wireless telegraphy experiments of which "Marconi," but 27 years of age, is undoubtedly the peer, presenting a phenomenon that mystifies all, and apparently presents unlimited possibilities, if man can but utilize that all-pervading and irresistible force termed ether; the contributions to analytical science by Dr. Loeb and Prof. Matthews dealing with the processes of life, and the prolongation thereof, the production of life by chemical fertilization, etc., have incited so much interest and discussion throughout the world, and amongst all classes, that a veritable chaos has been produced amidst the generally accepted theories bearing on these subjects.

Are there no modest Roentgens, Marconis, Loeb, or Matthews among the ranks of the refractionists? Sight has been termed nerve telegraphy. One of Dr. Loeb's essays treats on nerve waves, demonstrating that consciousness of sensation results from undulations or impulses of the nervous system. Who will prove himself the "Marconi" of brain telegraphy? A beautiful tribute to this great genius as well as a finished literary gem, is the following by "William Aspinwell Bradley:"

Who says Italia holds a dying race?  
And all the glory of her line is spent?  
This western world is still her monument,  
No less than when the Genoese did trace  
The trackless ocean and Spain's banner place  
Upon our strand. For, hark! the air is rent  
With strange turmoil, a mystic hail is sent  
To us, by her last born who conquers space.

You and Columbus! so we link your name  
With his, Marconi, o'er the centuries,  
Who with frail ship did bridge the narrow seas,  
While you have bound them with the darting flame  
Of unseen human speech. His be the shame,  
Who scorns the great mother of such sons as these!

In conclusion the Board of Regents begs to express its appreciation of the valuable advice and encouragement received during the year, which has contributed much in tiding them over some of the discouraging phases of their task. While the Board realizes the necessarily imperfect character of its recommendation, yet the fact that an actual beginning has been made, and what appears to them a tangible plan is presented, it feels it should not prove difficult to eliminate the objectionable features and evolve a basis upon which a more finished edifice can be reared, that should, if it receives the unqualified support its deep significance deserves, develop into an "Alma Mater" of which we eventually may all be justly proud. Respectfully submitted,

J. C. EBERHARDT,  
GEO. H. BROWN,  
C. B. TOUSLEY,

Board of Regents. American Assoc. of Opticians.

The report of the special committee on reorganization, consisting of a new constitution and by-laws, was then read by Mr. B. B. Clark, Rochester, N. Y.

It was decided to refer this report to a committee consisting of the delegates from the various State and local societies and of a member from each State represented in the Association not represented by a State

society. Following is the personnel of this committee:

J. C. Eberhardt, Ohio; E. P. Wells, New England; P. A. Dilworth, New York city; F. L. Swart, Central New York; H. P. Holmes, Iowa; H. E. Murdock, Maine; F. Pieper, Kentucky; C. M. Jenkins and W. E. Huston, Indiana; W. H. Hayes, Wisconsin; Mr. Kittrell, Georgia; C. A. Snell and F. A. Upham, Minnesota; N. K. Standart, Michigan; Geo. A. Rogers, Illinois; L. L. Ferguson, New York State; C. A. Longstreth, Pennsylvania; W. E. Burpee, New Hampshire; W. W. Bissell, Rochester; S. S. Grout, Canada; A. M. Kenney, Utica; A. A. Day, Florida; V. B. Gilbert, Virginia; E. Bourquin, Kansas; Mr. Cook, Tennessee; H. B. Sellers, Delaware; A. R. Campbell, Vermont; T. A. Dady, North Dakota; Sidney Smith, Arkansas; A. B. Staley, North Carolina.

The committee on entertainment then presented its report, giving the details of the plan of entertainment prepared for the visiting members.

The remainder of the session was devoted to the reading by the secretary of a paper



JOHN C. EBERHARDT,  
President Physiological Branch.

on "Our Duty to Our Profession," by Gustavus Kahn, after which the meeting adjourned till 7.30 p. m.

### TUESDAY EVENING SESSION.

At the evening session Worcester R. Warner, Cleveland, O., delivered a highly entertaining and instructive talk on "Optics in Astronomy," pointing out the important part that optical instruments have played in the development of astronomy. This was followed by a lecture on "The Anatomy of the Eye," by Earl J. Brown, of Chicago, which was copiously illustrated by stereopticon views, showing the development of the visual organ during fetal life and explaining the structure of the adult eye.

### WEDNESDAY'S SESSIONS.

Wednesday morning was given over to the special committee of representatives from State and local societies for passing on the new constitution and by-laws submitted by the committee on reorganization. A number of changes and modifications were suggested and the report was held over for a later session.

The convention resumed its session at 2.30 p. m. Wednesday. A paper was read by L. L. Ferguson, New York city, on "The Question of Credit," which was followed by an open discussion of the subject of opticians' business methods, including interesting discussion on the question of "free examination."

Following this the report of the Board of Regents bearing on the plan for an optical college was brought up for final action of the convention.

Mr. Eberhardt, chairman of the board, introduced the resolution embodied in his report of Tuesday, calling for the establishment of an inner branch of the American Association of Opticians, to be known as the Physiological Branch of the American Association of Opticians, and to be composed of those members who have given and shall give evidence of a required standard of optical education by writing and submitting a thesis to the Board of Regents.

President Ellis resigned the chair to 1st Vice-President Holmes, and in a whole-souled speech referring to the differences which had existed between himself and the regents, now amicably settled, moved the adoption of the regents' report and further that the regents be encouraged and empowered to carry along the work begun by them, as told in their report of Tuesday's proceedings.

The motion was seconded and carried with much enthusiasm, after which Mr. Eberhardt arose and in an impressive speech thanked President Ellis for the courtesy he had shown him in descending from the chair to present the resolution in person; he spoke of the fact that but a few months ago the president and himself had been arraigned, as in the arena, one against the other, but notwithstanding a difference of ideas by an amicable interchange of views as to the best manner of accomplishing the desired work, had come together and agreed on carrying out the proposed plan of the Board of Regents.

Following upon this was a general interchange of courtesies, during which A. Jay Cross was, at the suggestion of Mr. Eberhardt, called up from the rear of the hall, escorted by a committee of Messrs. Ellis and Eberhardt, appointed for the purpose.

Mr. Cross, in a few well chosen words alluded to the work of the Regents and spoke of the difficulties yet to be encountered, recommending that every member do his part in the development of the adopted plan by aiding the regents with what support and suggestions he could offer.

Mr. Cross's address was roundly applauded and was followed by a short speech by Vice-Pres. Holmes. This ended the important business of the session.

Wm. E. Huston, Chicago, was then called upon to read a paper on "Advertising," which was attentively listened to. This was followed by a paper by Samuel S. Grant, Montreal, on "The Story of a Sensation and the Origin and Effect of Reflex Action," after which adjournment was taken till 7.30 p. m.

In the evening the scientific session was resumed. W. W. Bissell, Rochester, read a paper on "Elements of Success," and E. J. Brown, Chicago, supplemented his lecture



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of the night before by a further talk on the same lines.

### THURSDAY'S SESSIONS.

The Physiological Branch of the Association which was created by the adoption of the report of the Board of Regents consisting of those members who had presented to the board a thesis, met in the convention hall at 9 o'clock, Thursday morning, for the purpose of organization. J. C. Eberhardt, who has been largely instrumental in the creation of this inner branch, was elected temporary chairman and C. A. Hart, Lynn, Mass., temporary secretary.

On a motion that a committee be appointed to draw up a constitution and by-laws, Messrs. Eberhardt, Geo. H. Brown and C. M. Jenkins were chosen and a recess taken while this committee prepared its report.



F. A. UPHAM,  
Second Vice-President.

Upon the report of this committee and the adoption of a constitution and by-laws, officers for the ensuing year were elected as follows: President, J. C. Eberhardt, Dayton, O.; vice-president, P. A. Dilworth, New York, N. Y.; secretary, C. F. Hart, Boston, Mass.; treasurer, C. A. Longstreth, Philadelphia, Pa.; librarian, G. A. Brown, Manchester, N. H. It was decided that the president, vice-president and secretary constitute the financial committee. The meeting then adjourned.

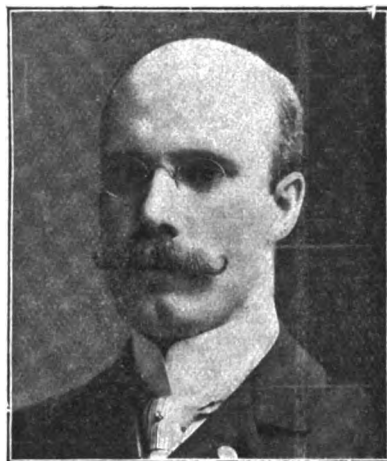
The regular morning session was begun with the reading of a short paper on "Toric Lenses," by John Q. Adams, Philadelphia.

The final report of the committee on reorganization was then called for and the proposed new constitution and by-laws was read by B. B. Clark, Rochester, as amended by the special committee of delegates from State and local societies. This report was accepted by unanimous consent. (The new constitution and by-laws adopted appear in another column of this issue.)

A motion to have these by-laws printed in booklet form, together with a list of members of the Association, brought about a lengthy discussion concerning the affiliation of State and local societies and the amount of dues to be required of them, resulting in the introduction and adoption of a resolution to the effect that the president of the Association should extend to the State societies entitled by the by-laws to affiliate with the Association an invitation to

do so and to send delegates to its conventions.

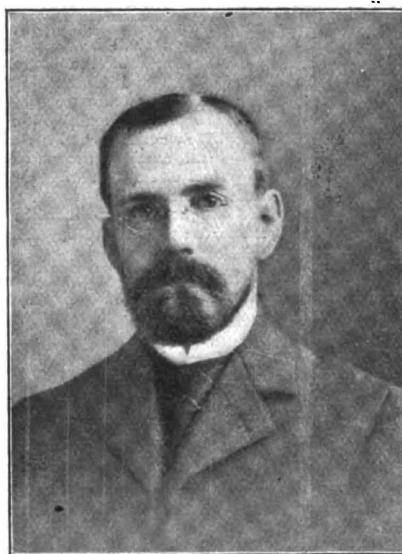
The next business in order was the selection of a city for the holding of the convention next year, and Atlantic City, Milwaukee, Cleveland and Niagara Falls were



F. L. SWART,  
First Vice-President.

among the locations suggested and urged upon the members, the first two being the favorites. The vote finally gave the choice to Atlantic City.

A committee on nominations, consisting of B. B. Clark, Harry Holmes, L. L. Ferguson, J. L. Borsch and Wm. J. Benn was then appointed to draw up nominations for officers for the ensuing year.



C. A. LONGSTRETH,  
Treasurer.

The meeting then adjourned to have a photograph taken. This photograph shows the members standing in front of the State House.

The nominating committee presented its report at the afternoon session and submitted the following nominations:

President, J. H. Ellis, South Bend, Ind.; first vice-president, F. L. Swart, Auburn, N. Y.; second vice-president, F. A. Upham, St. Paul, Minn.; secretary E. L. Jones, Sandusky, O.; treasurer, C. A. Longstreth, Philadelphia, Pa.; for regent in place of C. B. Tousley, expired, Wm. Sommer, Chi-

cago, Ill.; executive committee, H. B. Holmes, Des Moines, Ia.; Fred Rebman, Youngstown, O.; C. M. Jenkins, Richmond, Ind., and P. A. Dilworth, New York, N. Y.

Action on the report was not immediately taken. The vote on it was suspended till a larger attendance was secured.

A motion to pay the secretary a salary resulted in a decision to attach to that office a compensation of \$200 per annum. A sum of \$100 was then voted to the secretary for services during the past year.

Mr. Eberhardt then arose and tendered his resignation from the Board of Regents, on the grounds that in his new position as president of the Physiological branch he would be in a position to keep in close touch with the Regents and by resigning would leave room for another member. This resulted in a long discussion, which was finally declared out of order.

The election of officers was then taken up and a motion was carried to elect the en-



F. L. JONES,  
Secretary.

tire ticket reported by the nominating committee.

Pres. Ellis then made a short and appropriate address on his re-election, which was followed by the disposal of sundry small questions and a paper by H. J. Holmes on "Legislation."

A resolution was adopted that a special committee be appointed to consider the advisability of preparing an exhibit at the St. Louis Exposition in 1904.

A motion to adjourn was then carried and the business session of the fifth annual convention came to an end.

### THE SHORE DINNER.

After the announcement of the election of officers there was a grand "scramble" to get over to Rowes Wharf in time to board the 4.20 boat for Nantasket. Edwin P. Wells, of the Globe Optical Co., through whose hospitality the transportation was given, was at the wharf to direct in person the constantly arriving opticians. The party numbered 150 and the trip down the harbor was most thoroughly enjoyed by all, some of whom were enjoying their first view of the Atlantic. During the trip down there were plenty of "guides" aboard who pointed out the various points of interest all along the shore. When the boat tied up at Nantasket the party went ashore and for an hour enjoyed themselves as they saw fit, some riding on the merry-go-round and trying the many catch-penny devices.

At 6 o'clock the march was made to the



## Optical Department.

dining room of the Hotel Nantasket and after more or less amusement, the large company was finally seated, with President John H. Ellis as presiding officer and toastmaster. For more than an hour the entire assemblage devoted itself to enjoying the menu as planned by the committee in charge. Clams, lobsters and other shore delicacies disappeared in a way which was almost startling, but at the same time everybody appeared to know that they were out for a good time, formality was banished and mirth reigned.

After the end of the dinner President Ellis arose and after thanking the Association for the honor paid to him earlier in the day proceeded to speak in a pleasant vein and was accorded most generous applause at the completion of his remarks. J. C. Eberhardt, of Cleveland, made one of the "hits" of the occasion and his popularity with the trade was evidenced by the cordiality of his reception. Mr. Briggs, of the Briggs Optical Co., Chicago, made a very entertaining speech and George H. Brown, of Manchester, N. H., better known among the trade, perhaps, as "Cabinet" Brown, favored the company with a speech replete with witticisms and hits on the local trade. The party broke up in time to board the 9.20 boat for Boston and as the weather had cleared and the moon was practically full the homeward sail was most thoroughly enjoyed by all. The Boston terminus was reached about 10.30 P. M., and most of the party were ready to go to their hotels and homes in order to secure a few hours' rest before the trip to the plant of the American Optical Co., at Southbridge.

The start for Southbridge was made at 7 o'clock, Friday morning, from the South Station, the party numbering about 130. At Worcester the entire party was transferred to special electric cars, and the run to Southbridge, a distance of 21 miles, was made just inside of an hour.

### THE VISIT TO THE AMERICAN OPTICAL CO.'S WORKS.

SOUTHBRIDGE, Mass., Aug. 24. — The American Optical Co. entertained 133 guests from the optical convention at Boston, Friday, showing them over the entire plant and giving them a banquet at Town Hall at noon. The delegates arrived at Southbridge from Worcester at 10 o'clock, on two special cars of the Worcester & Southbridge Street Railway and were met at the works by its president and manager, George W. Wells, and Superintendent Henry C. Cady, with many other stockholders, and were escorted to the glass works at Lensdale.

The party was divided into 13 sections, each being in charge of a guide, and they were shown over the glass works, the guides explaining the different operations through which the work goes from its inception in the rough to the finished product. After inspecting the glass works the party was taken in special cars to the Mechanic St. factory and shown over the gold filled department before dinner. Then the visitors were taken in special cars to Post office Square, from which they marched to Town Hall to dinner. The guides of the party over the works

were: George W. Wells, Hiram C. Wells, Henry C. Cady, Channing M. Wells, Albert B. Wells, J. Cheney Wells, Edwin P. Wells, Charles E. Wilson, Nelson M. Baker, Fred G. Blanchard, Alfred E. Hughes, Pitt H. Hebert, Benajah L. Bugbee and W. H. Hurlbut.

At Town Hall music was furnished by Bugbee's orchestra and the tables were decorated with cut flowers. An elaborate menu card showed a cut of the works of the American Optical Co., the design being original and representing the shop of the company with a part of the plant concealed in mist. Over the center of the cut was displayed a lens, making the center of the picture bright and clear. The catering was by Rebboli, of Worcester.

After lunch the guests were called to order by George W. Wells, president of the company, who welcomed them to the town. The comfort of the women in the party was looked after by Mrs. George W. Wells. At the close of the dinner cheers were proposed for the American Optical Co. by President John H. Ellis, of the Association, and they were given with enthusiasm. After dinner special cars were taken back to the factory and the party was shown over the remainder of the works.

The delegates then returned to Boston and, Saturday, visited Providence, R. I.

The constitution adopted reads:

### CONSTITUTION.

#### ARTICLE 1.

This Association shall be known as the American Association of Opticians.

#### ARTICLE 2.

The object of this Association shall be federate into one organization all branches of the optical profession of the United States and Canada, for the purpose of fostering the growth and diffusion of optical knowledge; for promoting friendly intercourse among opticians; of safeguarding the material interests of the optical profession; of elevating the standard of optical education; of assisting in securing the enactment and enforcement of optical legislation and of enlightening and directing public opinion in regard to the problem of optometrical science.

#### ARTICLE 3.

##### Composition of Membership.

Section 1. The membership of this Association shall consist of active, associate and honorary members.

Sec. 2. Active members must be of adult age, good repute, and engaged in optics for not less than two years previous to the date of application, together with membership in the State society or association in which they reside, if such organization is in affiliation with the American Association of Opticians.

Sec. 3. Associate members shall consist of those affiliated with the jobbing and manufacturing sections and those engaged in optical journalism and optical colleges. They shall hold no office, but shall be entitled to appointment on committees.

Sec. 4. Honorary members shall consist of those that have distinguished themselves in some branch of optics. They shall have the privileges of the floor, but shall be ineligible as voters and hold no office.

#### ARTICLE 4.

##### House of Delegates.

Sec. 1. The House of Delegates of the American Association of Opticians shall consist of delegates elected by the permanently organized State and territorial societies or associations in affiliation with this Association, and four delegates from each section of this Association.

Sec. 2. The delegates shall be apportioned among the several affiliating societies, one from each society.

#### ARTICLE 5.

In order that its appropriate work may be expeditiously and systematically performed, this As-

sociation may be divided into four sections, each of which shall be devoted to the encouragement and furtherance of the interests of each individual section, and shall be known as the Refracting, Dispensing, Manufacturing and Jobbing sections.

#### ARTICLE 6.

This constitution may be altered or amended by a two-thirds vote of the house of delegates, providing that the amendments are proposed in the general session of the Association one year previous of being enacted, a notice of the amendment having been mailed to each member of the Association at least three months previous to the regular annual meeting of the Association.

#### BY-LAWS.

#### ARTICLE 1.

Sec. 1. No person shall take part in the proceedings of the Association, or any of its sections, until he has registered his name and address in full in the registration book (and presented his credentials to the committee), and paid his annual dues. He shall indicate what section he will affiliate with.

Sec. 2. No person who is under expulsion or suspension by the State society of which he is a member, or who has been dropped from the rolls of the same, shall be allowed to continue as a member of this Association until he has been reinstated.

Sec. 3. No person who is not a member of his State or territorial society shall be eligible to active membership in this Association, provided such society be in affiliation with this Association.

Sec. 4. The annual dues payable in advance shall be \$2 except to members of affiliating societies, whose dues shall be \$1. Any member in arrears for one year, unless absent from the country, shall be dropped from the roll, after being notified by the treasurer, if same is not paid in three months from mailing of notice.

Sec. 5. Members of the profession from States and Territories where there is no society affiliation with this Association, may become members by making a written application to the secretary, accompanied by a letter of reference and the annual dues. The secretary shall submit the application to the Executive Committee, who shall have the power to elect.

#### ARTICLE 2.

##### General Sessions.

Sec. 1. The general sessions of the Association shall include all registered members who shall have equal rights to participate in the discussions and vote on any pending questions.

Sec. 2. The general session of the Association has the right to discuss questions referred to it by the House of Delegates, and it may, by a two-thirds vote, order a general referendum of any question pending before the House of Delegates.

Sec. 3. The president shall deliver an annual address upon the opening day of the annual meeting. The address and recommendations of the president shall be referred to the House of Delegates for consideration and action; and their action to be reported back to the general session.

#### ARTICLE 3.

##### House of Delegates.

Sec. 1. The House of Delegates shall be considered as the legislative body of this Association. Its sessions shall be open to the members of the Association, but they cannot participate in the discussions only upon invitation from the House of Delegates.

Sec. 2. Each State and territorial society that is in affiliation with this Association is entitled to send one delegate to represent them in the House of Delegates.

Sec. 3. Members of the House of Delegates representing the different sections of this Association are to be elected for the term of two years.

Sec. 4. The function of the House of Delegates shall be to act upon executive business presented to this Association, but it may refer such decisions as it may deem wise and expedient to the Association for final vote.

Sec. 5. In order that each State and territorial society may have proper representation at each annual meeting of this Association, it shall have the authority of electing alternates who, upon presentation of proper credentials, shall be empowered to act as regularly elected delegates; provided that both the regularly elected delegate and the alternate are absent, the members of any affiliated society present at the meeting shall select one of their members who shall represent such society in the House of Delegates.

Sec. 6. No member shall be seated in the House of Delegates until he has presented a certificate to the president and secretary, signed by the president



## Optical Department.

and secretary of his State or territorial society from which he received his authority to act, stating that he had been elected to serve as the representative of such society in the House of Delegates of the American Association of Opticians. The section delegates shall present a certificate signed by the chairman and secretary of his section, stating that he had been elected to serve in the House of Delegates.

Sec. 7. The House of Delegates shall present a summary of its proceedings to the last meeting of the general session of each annual meeting of this Association.

Sec. 8. A majority of the House of Delegates shall constitute a quorum for the transaction of business.

### ARTICLE 4.

#### Officers.

The officers of this Association shall consist of a president, two vice-presidents, a secretary, a treasurer and an executive committee of four active members, and a board of regents of three active members.

The president, first and second vice-presidents, secretary, treasurer, together with the Executive Committee, shall be elected by ballot, at the first general session of the last day of the annual meeting. Only those in attendance will be eligible to office.

The Board of Regents shall be elected for the term of three years, one for the term of three years, one for the term of two years, and one for the term of one year. Then one year after the adoption of these by-laws, and each year thereafter there shall be elected one regent for the term of three years.

### ARTICLE 5.

#### Duties of Officers.

Sec. 1. The president shall preside at all meetings of the general sessions, and all the meetings of the House of Delegates, at all meetings of the Association, call special meetings upon a written request of 20 active members, appoint all committees, unless otherwise provided for in the by-laws, and appoint officers to fill vacancies for unexpired terms of office, occasioned by death or otherwise. He may submit in writing any suggestion to the general session or the House of Delegates or to any standing or special committee that he may deem of interest to this Association.

Sec. 2. Duty of vice-presidents. In the absence of the president, the vice-presidents in their order shall perform the duties of the president.

Sec. 3. Duties of the secretary. The secretary shall keep a record of all meetings of the Association and its committees; conduct all correspondence, notify all committees of their appointments and give notice to all members of all meetings and perform such other duties as pertain to his office, or may be prescribed by these by-laws. He shall send out notices of the annual meeting 30 days prior to the date thereof.

He shall receive all applications for membership, which shall be placed in the hands of the Executive Committee on the first day of each month; he shall make a report to the treasurer on the first day of each month, handing over all such moneys received and take proper vouchers therefor.

Sec. 4. Duties of the treasurer. The treasurer shall keep all moneys of the Association and disburse the same upon the signed order of the president and secretary, keeping a correct account of all his transactions and reporting the same at each annual meeting and when required by the president.

Sec. 5. The duties of the Executive Committee. The Executive Committee, together with the president and secretary shall constitute the Board of Directors. They shall name a proper time for the annual meeting of the Association, conduct all business not requiring a special vote. They shall be an advisory board, act on all matters not already provided for in these by-laws.

Sec. 6. Duties of the Board of Regents. The Board of Regents shall have charge of all educational matters undertaken by this Association, and shall make a written report each year to the Association regarding their official action. The chairman shall serve for a term of one year, in the turn of their election to the board the oldest member succeeding.

Sec. 7. The president shall immediately upon the assembling of the annual meeting appoint an auditing committee, who shall audit the books of the secretary and treasurer and report on the same.

### ARTICLE 6.

Any member may be reinstated by the payment

of all arrearages in dues by a two-thirds vote of the general session.

### ARTICLE 7.

The place of holding the annual meeting shall be fixed by the general session.

### ARTICLE 8.

Sec. 1. This Association shall be governed by the rules of order prescribed in Roberts Manual.

Sec. 2. Duties of members. No one shall be permitted to address the Association until he shall announce his name and residence, which shall be distinctly repeated by the chairman. Remarks shall be limited to five minutes. All motions of importance must be submitted in writing.

Sec. 3. No new business shall be introduced at the general session of this Association on the last day of each annual meeting, except by unanimous consent.

### ARTICLE 9.

#### Time of Sessions.

Sec. 1. The general session of the Association shall be held at 10 A. M. and at 7:30 P. M. of the first day of the annual meeting, and at 1:30 and 7:30 P. M. of the subsequent days.

Sec. 2. The House of Delegates shall hold their first session of each annual meeting at 2 P. M. of the first day, and on subsequent days at such time as is necessary to complete its business.

Sec. 3. The sections of the Association shall hold their first session of each annual meeting at 2 P. M. of the first day of the meeting, and may be in session from 9 to 12 A. M. on subsequent days.

### ARTICLE 10.

This constitution and by-laws shall go into effect upon the adjournment of this annual meeting of 1902.

B. B. CLARK,  
F. L. SWART,  
J. H. ELLIS, Committee.

#### Among those who attended were:

J. E. Littlefield, Topeka; Fred B. Rebman, Youngstown; A. Jay Cross, New York; Nelson K. Standart, Detroit; Earl J. Brown, Chicago; A. R. Campbell, Morrisville, Ont.; C. M. Jenkins, Richmond, Ind.; A. D. Barter, N. Adams, Mass.; Geo. W. Lang and wife, Bartons; V. B. Gilbert, Richmond, Va.; Ernest R. Post, Middletown, Conn.; R. W. Morgan, Youngstown, O.; A. E. Trea, Groton, N. Y.; J. A. Bourquin, Horton, Kan.; G. E. Holmberg, Peekskill, N. Y.; Frank M. Todd, Bridgeport; H. Thornton and wife, Philadelphia; Mrs. A. R. Campbell, Morrisville, Vt.; Miss L. DeLong, Chicago; Geo. H. Hazlitt, Chicago; J. A. Theo. Oberg, New York; Samuel S. Grant, Montreal; R. M. Lockwood, Chicago; J. C. Eberhardt, Dayton, O.; A. G. Larson, Chicago; W. P. Uhlemann, Chicago; J. Prochaska, Toledo; A. F. Barstow, Oshkosh; B. N. Brooke, Brooklyn; T. M. Heard, Cleveland; C. A. Ford, Chicago; G. A. Stone, Chicago; J. F. Lowry, Chicago; Percy M. Smith, Chicago; J. G. Hodgins, Chicago; W. A. Evans, Randolph Center, Vt.; Wilfred Bowler, Bridgeton, Me.; T. F. Comerford, Detroit; W. J. Benn, Philadelphia; Mrs. W. J. Benn, Philadelphia; F. A. Upham, wife and son, St. Paul; L. T. Rogers, Richmond, Va.; Joseph Fales, New York; C. M. Frankel, New York; Frederick Boger, New York; W. E. Huston, Chicago; Mrs. E. Huston, Chicago; H. B. Sellers, Wilmington, Del.; H. Borsch, Chicago; George A. Rogers, Chicago; Charles P. Koch, New York; H. Albers Heath, New York; Arthur E. Smith, Pawtucket; Walter P. Mayes, Worcester, Mass.; Mrs. L. Beckmann, Toledo; Mrs. Frederick Boger, New York; F. M. Drisko, Boston; F. W. Stewart, Chicago; Carl Hoerz, Dolgeville; F. R. Hardenbergh, Boston; W. F. Hayes, Janesville, Wis.; F. A. Dunn, Jamaica Plain; Albert White, Lowell; E. H. Boyington, So. Newbury, Me.; A. G. Barber, Boston; H. E. Kirstein, Rochester; G. A. Bader, Rochester; William Waldert, Rochester; James T. Quinn, Oak Park, Ill.; W. L. Hill, Chicago, Ill.; Fred Pieper, Jr., Covington, Ky.; George B. Nagel, Boston; H. P. Holmes, Des Moines; John Wimmer, Indianapolis; Thomas J. Lemay, Manchester; Mrs. J. Lemay, Manchester; I. M. S. Killmeier, Rochester; W. H. Nitz, Boston; Sidney Smith, Pine Bluff, Ark.; Mrs. Sidney Smith, Pine Bluff, Ark.; Eben Hardy, Boston; C. F. Sischo, St. Paul; G. L. Dietrich, Kenton, O.; L. Beckmann, Toledo, O.; N. V. Cole, Michigan City, Ind.; W. J. Young, Chicago, Ill.; Mrs. W. Young, Chicago, Ill.; B. B. Clark, Rochester, N. Y.; John H. Ellis, South Bend; Mrs. J. H. Ellis, South Bend; Ben V. Smith, Albany, N. Y.; W. S. Lord, Schenectady, N. Y.; J. A. Caouette, Paterson, N. J.; C. H. Kittrell, Dublin, Ga.; John S. Gilman, Hampton, N.

H.; L. Beckmann, Jr., New York; N. T. Worthley, Jr., Portland; J. G. Harwood, Bennington, Vt.; A. W. Golder, Seneca Falls; P. A. Dilworth, New York; A. Weiner, New York; G. H. Brown, Manchester; C. J. Fuller, Phoenix, N. Y.; J. E. Briggs, Rochester; T. M. Stewart, New York; I. Mayer, New York; H. B. Graves, Geneva; F. Holman Gray, Concord, N. H.; F. L. Swart, Auburn; T. A. Manch, Yazoo City, Miss.; Mrs. F. L. Swart, Auburn; R. Freeman, Chicago; H. E. Parr, Chicago; E. F. Armbruster, Springfield, Ill.; A. C. Natermann, Detroit; O. B. Kline, Chicago; C. E. Monroe, Southbridge; Dr. G. W. Bradley, No. Adams; J. A. Perkins, Horseheads; H. J. Cook and daughters, Knoxville, Tenn.; W. C. Sommer, Chicago; H. D. Dunning, Fremont, Neb.; W. H. Liggett, Memphis, Tenn.; H. W. Cameron, Halifax, N. S.; A. N. Taylor, New York; G. W. Triemer, Providence; L. C. Martin, Providence; P. C. Claflin, Washington, D. C.; R. L. Moore, Salem, Va.; S. W. Baker, Rockland, Mass.; Willow E. Drake, Boston; George H. Newell, Lynn; Harry P. Warren, New York; C. B. Allard, Potsdam; B. A. Reed, Salem, Mass.; L. B. Van Winkle, Rochester; A. A. Day, Brockton, Mass.; William Mansell, Ottumwa, Ia.; A. J. Kirke, Dixon, Ill.; Mrs. A. J. Kirke, Dixon, Ill.; Miss Theresa Wigforas, Red Wing, Minn.; A. W. Kenney, Utica; O. H. Wright, Ithaca; Miss B. Preston, Detroit; L. G. Korner, Fon du Lac; F. L. Dahm, Providence, R. I.; G. B. Newcom, Providence, R. I.; Mrs. J. T. Brayton, Chicago; J. T. Brayton, Chicago; C. D. Mueller, Newport, R. I.; A. S. Vandenberg, Worcester; E. P. Wells, Boston; Fred C. Sanborn, Wilton, N. H.; A. H. Bowen, Columbus, O.; W. H. Reinner, Hagerstown, Md.; G. S. Benedict, Geneva, N. Y.; W. D. Turner, Chicago; W. W. Bissell, Rochester; A. S. Haskins, St. Johnsbury, Vt.; H. E. Murdock, Portland, Me.; W. C. Adams, Boston; E. J. Kornfeld, New York; J. Alexander, New York; Percy Hermant, St. John, N. B.; A. M. Wentworth, Portland, Me.; D. V. Brown, Philadelphia; W. H. Hurlbut, Southbridge; F. H. Brown, Lebanon, N. H.; E. S. Pendexter, Portland; C. S. Hart, Lynn; R. C. Williston, Lowell; Starr C. Hewett, Salem; C. J. Hubbard, Ludlow, Vt.; A. E. Fairbanks, Raton; Mrs. G. C. Lang, Barton, Vt.; Briggs S. Palmer, Boston; C. A. Snell, Minneapolis; H. P. N. Dahl, Maynard, Mass.; Samuel G. Learned, Boston; P. Hanauer, New York; C. F. Hadley, Boston; George A. Barron, Boston; U. C. Smith, Brockton; A. L. Howard, Beloit, Wis.; George E. Zimmerman, Rochester; Charles Ch. Stockwell, Worcester; F. W. Martin, Nashua, N. H.; C. J. Hart, Boston; Ant. Wagner, Philadelphia; R. C. Thompson, Boston; A. Hays, Schoharie, N. Y.; Irving Leland, Weymouth Centre; E. A. Wales, Attleboro; W. H. Mould, Fremont, N. H.; Edwin Beckwith, New York; W. J. Carroll, New York; J. F. Burgess, Camden, Me.; C. D. Waugh, Rochester; C. A. Longstreth, Philadelphia; F. C. Woodbury, Pittsfield, N. H.; F. W. Wormelle, Brockton; Mrs. M. G. Mailland, Chicago; A. E. Covelle, Boston; H. L. Houghton, Boston; J. Oumette, Jr., Southbridge; A. J. Potter, Lebanon, N. H.; W. E. Burpee, Manchester; William L. Thomas, Boston; William F. Barry, Schenectady, N. Y.; C. H. Perkins, Poughkeepsie, N. Y.; W. H. Ely, Middletown, Conn.; Paul N. Lachritz, Chicago; A. F. Pierce, Milford, Ill.; Thomas A. Davey, Revere, Mass.; H. Fellman, Woonsocket, R. I.; Mrs. A. F. Pierce, Milford, Ill.; W. J. Jenkins, Brockton, Mass.; W. L. Bemis, Brockton, Mass.; F. A. Morgan, Lebanon, N. H.; E. L. Jones, Sandusky, O.; George J. Kirby, Providence, R. I.; W. D. Ward, Hyde Park, Mass.; H. W. Thompson, Putnam, Conn.; T. C. Knapp, Vancouver, B. C.; D. H. Child, Providence, R. I.; W. R. Warner, Cleveland, O.; E. L. Poore, Nashua, N. H.; W. H. Wyman, Chelsea; David White, Milwaukee, Wis.; Albert A. Carter, Boston; Herman L. Klein, Boston; Lawrence W. Lunt, Boston; H. A. Barclough, Sidney, N. S. W.; L. L. Ferguson, New York; R. J. McCracken, New York; D. E. Gordon, Hillsboro Bridge, N. H.; Frank Edson Adams, Worcester; W. L. Waldert, Rochester; F. L. Blair, Providence; W. E. Wells, Providence; H. B. Moore, Woonsocket, R. I.; L. W. Latremore, Boston; G. G. Birchard, Boston; T. B. Bailey, Boston; T. C. Miller, Boston; C. M. Cushman, Lowell; C. R. Padelford, Fall River; H. F. Jordan, Brattleboro, Vt.; F. M. Jenkins, New Bedford, Mass.; W. F. Cushman, Boston; J. Travis Walsh, Boston; F. A. Stevens, Providence, R. I.; Albert E. Lenz, Providence, R. I.; Dr. J. E. Walsh, Davenport, Ia.; N. D. Sawyer, Laconia, N. H.; O. J. Taylor, Lawrence, Mass.; J. C. Campbell, Attleboro, Mass.; John Quincy Adams, Philadelphia; Frank J. Wilder and wife, Worcester; M. J. Fowler, Fitchburg; G. Wiener, Ft. Wayne, Ind.; Dr. J. F. Dodge, Providence, and many others.



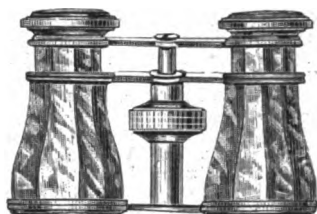
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## Optical Department.

### Prize Dioptric Quiz.

TO give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set having appeared Aug. 13. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the 13th set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list having been printed in issue of Aug. 13—will be made to those whose solutions are next in order serially.

### Official Answers to Thirteenth Set of Problems.

ACCORDING to the conditions under which THE CIRCULAR-WEEKLY'S Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the thirteenth set of questions (published June 25, 1902) follow:

#### ANSWERS TO THIRTEENTH SET.

61. 4 inches.
62. 192 feet.
63. 68 feet 9 inches.
64. + 10 D.
65. 121 ft.

### Angle Limit of the Enumeration of Objects and Movement of the Eyes.

Communication of MM. André Broca and D. Suissier to the Académie des Sciences.

BURCKHARDT has proposed, in order to impart more precision to measures of visual acuteness, to replace the limit at which objects cease to be distinguished by that at which one ceases to be able to count. He has given for the visual acuteness thus defined average numbers about three times as great as those of authorities operating by the ordinary method for the defining power of the eye.

We have taken up this subject under simple conditions, with a test object composed of white lines on a black background, the width of the lines being as great as the width of the blank spaces, and we have been able to ascertain certain facts quite clearly.

The supposition that one can read at the distance at which the strokes of a letter can be counted is not correct. Reading is possible at almost the definition limit of the strokes composing the letters. A letter is therefore a character which we recognize by a simple psychic operation.

On the contrary, we can count the strokes under the following average conditions:

Power of definition, 45".	
Enumeration of 2 lines, 1' 6".	
" " 3 " 1' 40".	
" " 4 " 2'.	
" " 5 " 2' 20".	
" " 6 " 3'.	

These are the average figures, obtained by both of us, with quite large daily variations. One subject afforded many very fine

definitions. His power of definition was about 45", and he could count six lines each subtending only 1'; that is, the angle at which the average observer only counts two lines.

These figures sufficiently demonstrate that the enumeration of strokes is a more complex operation than the recognition of a letter. We agree with the generally accepted theory, which attributes enumerations to ocular movements. We cannot admit with certain investigators that the observation of two strokes is made by the same simple psychical operation as the recognition of a letter, on account of the remarkable differences noted above.

The variability of the angle limit of enumeration with the number of lines can therefore be attributed to two causes. Either we can make a single very slight movement and cannot exactly repeat it, or we are satisfied when there are only two or three lines with a moderate coincidence between the point of fixation and the lines successively seen. We have not yet the elements to decide between these two hypotheses, but we think we can affirm that the smallest movement that can be exactly repeated six times consecutively is that of 3'.

This result was obtained with vertical lines. The idea then occurred that the movement of the eyes around the different axes being made by contractions of different muscular groups, there might be remarkable differences in the limit angle of enumeration for the different positions of the lines.

We have experimented with lines horizontal, vertical and inclined at 45° in two directions. Numerous observations have been conducted on a large number of subjects of different ages. The observers may be divided into two classes, one of young persons under 27 years, the other of men between 35 and 45.

Observers of the first class count almost equally well in all directions. Those of the second are not able to count so well in the direction of lines inclined from left to right with the right eye. The observers of the first class complain of much greater fatigue in enumerations in this direction than in others.

It seems to us that these are facts well co-ordinated by a single inspection of the muscles of the eye.

The movements of the eye are governed by the law of Listing, which may be thus expressed: The movements of the eyes occur around axes situated in the same normal plane with the primary direction of the look. When the right laterals alone are contracted their axis of rotation is situated in this plane. But the upper and lower rights, by reason of the obliquity of the orbit, do not allow of rotations around the axes of Listing. The obliques furnish, by a suitable component, added to that of the upper and lower rights, a resultant in the plane of Listing. The larger this component and the more there is of muscular and nervous energy expended in the movement the more fatiguing it will be and less precision will be attained. For the movements which we have always observed as the most difficult the rotation due to the obliques is the greatest.

Val. Taylor, optician, formerly of Beebe, Ark., has located in Punta Gorda, Fla.



## PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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[COMMENCED IN ISSUE OF AUGUST 20, 1902.—PART II.]

### CHAPTER I.

(Continued.)

#### RULES FOR OPERATIONS.

A few rules for determining curvature when the radius is known, or radius when the curvature is known may be helpful. Assuming that the meter equals 40 in. (really 39.37), these rules are simple.

##### FOR INCHES.

1. Reduce the radius, however expressed, to English inches.
2. Divide 40 by the number of inches in the radius.
3. The answer, properly pointed off, will be in metrocurus.

##### REVERSE RULE.

1. If the metric curvature is given.
2. Divide 40 by the number of metrocurus.
3. The answer will be the radius in inches.

##### FOR METERS.

1. Express the radius in meters or decimals of a meter.
2. Divide 1 by the number of meters, pointing off as in decimal division.
3. The answer will be in metrocurus.

##### REVERSE RULE.

1. If the metric curvature is given.
2. Divide 1 by the curvature, pointing off as in decimal division.
3. The answer will be the radius in meters or decimals of a meter.

##### TO GET RADIUS.

It may not be possible to measure the radius, because the sphere or cylinder may conceal the center. If the diameter can be measured, the diameter divided by 2 is equal to the radius, from which

the curvature is obtained. But a sphere hides the diameter as effectively as it hides the radius.

Measurement  
From  
Circumference.

We can, in that case, measure the circumference of a great circle. The circumference, divided by 3.1416, is equal to the diameter, and this divided by 2 is equal to the radius. But the spherical surfaces used in optics are but segments of the whole sphere. Hence, neither the radius, the diameter nor the circumference can be measured directly. In such case the curvature can still be measured by the *sagitta*. This is a line connecting the apex of a curve with the middle point of a chord, to which it is perpendicular, or a line connecting the apex of the spherical surface with the middle or central point of the opposite plane surface. The *sagitta* is the elevation of a curve or spherical surface above a chord or plane base surface.

Measurement  
of Sagittae.

Knowing the *sagitta* of a curve and the chord on which it stands, both of which can be measured outside of the sphere, we can determine the radius. In the above diagram (Fig. 3)

let  $s$  represent the value of the *sagitta*,  $m$  the value of the half

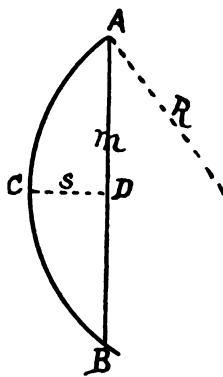


FIG. 3.

chord, and  $R$  the radius. Without going into the geometric demonstration, here, then, the following formulæ are true:

$$(1) R = \frac{m^2 + s^2}{2s} \text{ exactly, or}$$

$$(2) R \approx \frac{m^2}{2s} \text{ approximately}$$

These formulæ reduce to the following rules:

##### FOR EXACT VALUE.

1. Multiply the half chord ( $m$ ) by itself (or square it).
2. Multiply the sagitta by itself (square it).
3. Add the two squares together.
4. Divide the sum, by twice the sagitta.

##### FOR APPROXIMATE VALUE.

1. Square the half chord.
2. Divide it by twice the sagitta.

In small arcs the approximate rule is almost exact—the smaller the arc the more exact. The lens measure illustrates the use of this method of measuring sagittæ. The reciprocal of the radius equals the curvature, hence the formulæ for curvature are the reciprocal of the above. That is:

$$(1) C = \frac{2s}{m^2 + s^2} \text{ exactly, or}$$

$$(2) C \approx \frac{2s}{m^2} \text{ approximately}$$

Which produces corresponding changes in the above rules.

The approximate formulæ above, that is:

$$(1) R = \frac{m^2}{2s} \text{ and}$$

$$(2) C = \frac{2s}{m^2}$$

may be made to apply to the whole chord instead of the half chord. If we represent the whole chord by  $d$ , then  $d^2 = 4m^2$ . By multiplying both terms of the fractions by 4 we have:

$$(1) R = \frac{m^2}{2s} = \frac{4m^2}{8s} = \frac{d^2}{8s}$$

$$(2) C = \frac{2s}{m^2} = \frac{8s}{4m^2} = \frac{8s}{d^2}$$

The rule to determine the radius then becomes:

1. Square the chord, and
2. Divide it by  $8s$ ,

and the rule for determining the curvature becomes:

Divide  $8s$  by the square of the chord.

The rules for determining the radius are equally applicable to inches, meters, yards or any lineal unit, provided chord and sagitta are expressed in the same units. But as curvature is a metrical quantity, to apply the rules for curvature, chord and sagitta must be expressed in metric units.

If, for example, a chord is 10 in. and the sagitta is  $\frac{1}{2}$  in., by the approximate rule the radius equals  $10^2 \div 4 = 100 \div 4 = 25$  in. But for curvature, since  $10 \text{ in.} \div 250 \text{ m.m.} = .25 \text{ meters}$ ; and  $\frac{1}{2} \text{ in.} = 12.5 \text{ m.m.} = .0125 \text{ meters}$ ,  $.25^2 = .0625$ , and  $8s = .1 \text{ meters}$  and  $.1 \div .0625 = 1.6$ . This is the same as the 25 in. radius, for  $1.25 \times 40 = 1.6$  also. It is better, usually, to determine the radius first and then reduce to meters. This avoids trouble of the above kind.

##### Metric Reductions.

#### Optical Notes and Briefs.

Edward G. Kemmerer, Wilkesbarre, Pa., left recently for New York to secure the services of an oculist and optician for the optical department of his business.

Vivian W. Hills, optician, Norway, Me., has entirely refitted and enlarged the interior of his optical establishment.

(Additional Optical Notes on page 62.)

#### An Optical Booklet Recently Received.

J. Wiss & Sons, 755 Broad St., Newark, N. J., have just issued a neat little optical booklet, measuring  $3 \frac{7}{16}$  inches by  $4 \frac{5}{16}$  inches. It contains in all six pages of printed matter devoted principally to declaring certain advantages of optistry as a scientific test in examining the eye.

The front cover contains a reproduction

of the human eye in a subdued shade of photographic brown. The inside of the front cover contains a chronological history of the professional career of L. B. Hilborn (eye specialist with J. Wiss & Sons) from 1882, when Mr. Hilborn was a student in medicine, to 1901, when he qualified as optical expert in the United States District Court. The advertising matter is convincingly written.





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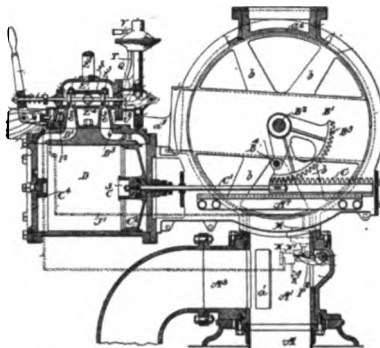
and all possible improvements made. Pearls dam-  
aged by setting or from wear with diamonds  
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## The Latest Patents.

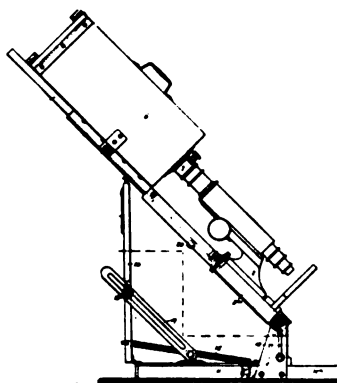
ISSUE OF AUG. 19, 1902.

**707,071. PNEUMATIC TIME-LOCK FOR PNEUMATIC-TUBE SYSTEMS.** BIRNEY C. BATCHELLER, Philadelphia, Pa. Filed Oct. 11, 1900. Serial No. 82,681. (No model.)



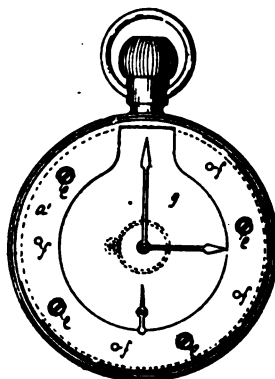
In a pneumatic-tube system, a pneumatic cylinder and piston actuating a movable device forming part of the system, a lock for holding said movable device in one position, a pneumatic time-escapement device arranged to withdraw the said lock after the admission of compressed air to the escapement device, a source of air-supply having connections to the cylinder and escapement afore-  
said and means for opening said connections to the source of supply or to exhaust.

**707,422. PHOTOGRAPHIC ATTACHMENT FOR OPTICAL INSTRUMENTS.** FREDERIC E. IVES, Philadelphia, Pa. Filed June 30, 1902. Serial No. 113,783. (No model.)



In combination of an optical instrument having an eyepiece, with a camera complete with lens having a fixed focus similar to the image distance of the instrument, whereby the image seen in the eyepiece is reproduced without alteration of focus, definition or amplification.

**707,430. WATCH CASE.** EDMOND KUHN, East Orange, N. J., assignor to Gustav Bunzl and Ernest Bunzl, New York, N. Y. Filed March 5, 1902. Serial No. 96,849. (No model.)



A watch case, the body portion of which is com-  
posed of a single piece of metal, a flange formed

therewith and partly inclosing one side of the same, said flange having countersinks for the movement-fastenings, and the said body portion being adapted for the attachment of a rear plate and a bezel.

**REISSUE 12,020. BUTTON.** GEORGE W. BUCHANAN, Chicago, Ill. Filed May 16, 1902. Serial No. 107,698. Original No. 673,698, dated May 7, 1901.



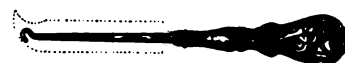
The combination of two stud-buttons each comprising a base and a head, the base of one provided on its under side with a recess adapted to receive the head of the other button, and retaining mechanism for holding said head in said base, said retaining mechanism being within the confines of the edge of the base.

**DESIGN 36,009. RING.** ANDREAS BECKER, Vailsburg, N. J., assignor to Bracher, Becker &



Barnett, Newark, N. J. Filed June 14, 1902. Serial No. 111,785. Term of patent 7 years.

**DESIGN 36,010. HANDLE FOR BUTTON-HOOKS, PAPER-CUTTERS, OR SIMILAR ARTICLES.** THEODORE W. FOSTER,



Providence, R. I. Filed June 30, 1902. Serial No. 113,881. Term of patent 7 years.

**DESIGN 36,012. BACK FOR HAND-MIRRORS, BRUSHES, OR SIMILAR ARTICLES.**



LOUIS C. PORTER, Attleboro, Mass., assignor to the James E. Blake Co., Attleboro, Mass.



Filed Dec. 12, 1901. Serial No. 85,710.  
Term of patent  $3\frac{1}{2}$  years.

DESIGN 36,011. BACK FOR TOILET-BOXES,  
MIRRORS, OR SIMILAR ARTICLES.



THEODORE W. FOSTER, Providence, R. I.  
Filed June 30, 1902. Serial No. 118,882.  
Term of patent 7 years.

DESIGN 36,013. SOUVENIR-PLATE. LOUISA  
WOHLTMAN, New York, N. Y. Filed June



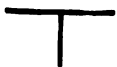
26, 1902. Serial No. 118,806. Term of pat-  
ent 14 years.

TRADE-MARK 38,821. CERTAIN NAMED SPEC-  
TACLE AND EYEGLASS FRAMES AND  
MOUNTINGS. DUPAUL, YOUNG OPTICAL  
Co., Southbridge, Mass. Filed May 29, 1902.



A small circle with a straight line extending out-  
ward therefrom. Used since April 1, 1902.

TRADE-MARK 38,822. CERTAIN NAMED SPEC-  
TACLE AND EYEGLASS FRAMES AND  
MOUNTINGS. DUPAUL, YOUNG OPTICAL  
Co., Southbridge, Mass. Filed May 29, 1902.



A T-shaped figure. Used since May 1, 1902.

### EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIR-  
CULAR-WEEKLY by R. W. Bishop, Patent Attorney,  
Washington, D. C., who will furnish complete  
copies of patents at the rate of 10 cents each.]

Issued Aug. 18, 1885.

324,465. COMBINED LOCKET AND COIN  
AND LETTER SCALE. ERNST FUCHS, Chi-  
cago, Ill., assignor of one-half to Karl  
Schrimpf, Minneapolis, Minn.

324,478. HOLDER FOR TABLE-SERVICE  
ARTICLES. KATE E. NICHOLS and EMMA  
V. W. HALE, Leominster, Mass.

324,504. CRAYON HOLDER. CHARLES WAL-  
FUSKI, New York, N. Y.

324,540. NOSE-GUARD FOR EYEGLASSES.  
JOHN CURRIN, Southbridge, Mass., assignor  
to the American Optical Co., same place.

324,553. MANUFACTURE OF FINGER-  
RINGS. E. E. HANF, Wilmington, Del.

324,563. KNIFE-HANDLE. PAUL KOSKA, Mar-  
tinton, Ill.

324,570. STEM-SETTING DEVICE. E. A.  
MARSH, Newton, Mass.

324,582. CHAIN. JOHN OBRIG, Newark, N. J.,  
assignor to A. J. Hedges & Co., New York,  
N. Y.

324,616. THREAD-CUTTER. B. F. WALKER,  
Allentown, N. Y.

324,675. WATCH-CASE. E. C. FITCH, Newton,  
Mass.

324,681. JEWELRY. LEOPOLD GREBENAU, Sta-  
pleton, N. Y.

324,689. WATCH-MOVEMENT. G. E. HART,  
Waterbury, Conn.

324,757. EAR-RING. I. R. DUNHAM, Newark,  
N. J.

324,764. PENCIL-HOLDER. FREDERICK FROE-  
SCHER, Nuremberg, Germany.

Designs issued Aug. 14, 1888, for 14 years.  
18,532 and 18,533. WATCH-CASE OR  
LOCKET. H. S. NOYES, Brooklyn, N. Y.

Designs issued Aug. 20, 1895, for 7 years.  
24,572. SPOON. S. H. MANCHESTER, Providence,  
R. I., assignor to Fessenden & Co., same  
place.

24,574. BUCKLE. C. R. HARRIS, Williamsport,  
Pa.

24,576. MATCH-RECEPTACLE. L. P. WHIT-  
MAN, New York, N. Y.

24,578. BOTTLE. A. P. BABCOCK, New York,  
N. Y.

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Wells ring adjusters in. Paste this on  
back of your business card and loan to  
three bright boys or girls for two days  
each. Watch the result. Address, Ches-  
ter H. Wells, Jeweler, Meshoppen, Pa.

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## "The Dover Improved"

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Patent Allowed.



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SPECIAL—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

SAMPLES SENT FREE TO ANY ADDRESS IN THE WORLD.

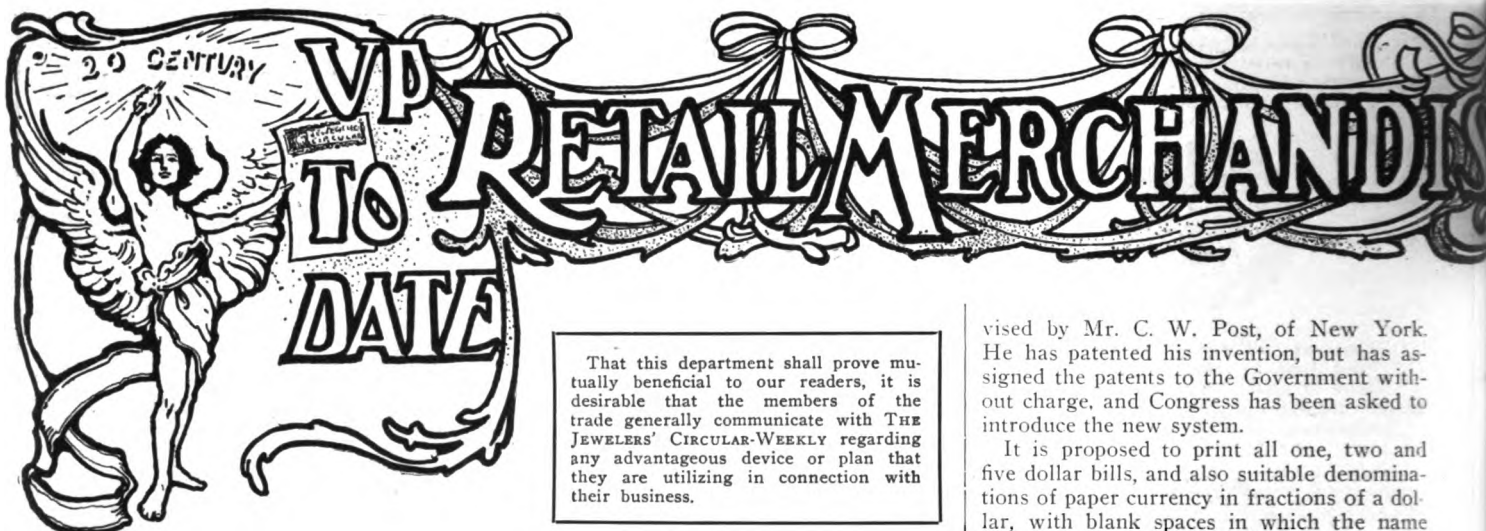
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80 Clifford St., Providence, R. I.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.

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ments, Jewel Settings and Jewelry  
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### Package Enclosures.

**A** PROFITABLE method of advertising that is generally overlooked by jewelers is the practice of enclosing in every package and envelope that leaves the store a small card or booklet bearing the dealer's name.

This method of advertising is perfectly legitimate and dignified, and there is no better way of presenting special information to one's customers. That it pays is beyond question and if the cost is considered or compared with any other method it will be found to be very moderate. The delivery costs nothing and as they are sure to be taken home they will be read by various members of the family and friends, who will appreciate the information which the booklets or cards contain.

For illustration, when an article of silverware is sold it would be advisable for the jeweler, when wrapping it up, to enclose a small booklet on the care of silverware, in which would be explained the reasons why silverware tarnishes; the preventatives and finally how such tarnish is to be removed. If he has a good silver cleanser it should be mentioned, together with the price, and, of course, when the silverware needs a cleaning or brightening he naturally would supply the demand and get a sufficient profit from the cleanser to pay for a number of booklets.

In large packages, the cards, booklets, etc., can be enclosed, but in small ones, as ring boxes, it would be advisable to present the customer with a nicely printed card, on one side of which should be given a list of the birthstones for the year and on the reverse side the name, address, etc., of the jeweler. The cards would be all right to present when the cheaper rings, etc., are sold, but for the finer rings mounted with diamonds, etc., a booklet would be preferable.

All the articles in a jeweler's stock can have interesting things written about them, and if these are nicely presented in a booklet they will be kept for reference and will frequently be read by various persons who will comment on the originality and cleverness of your methods. In that way the advertising will be a positive force that will bring returns long after the booklet has been presented.

J. G. K.

That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with **THE JEWELERS' CIRCULAR-WEEKLY** regarding any advantageous device or plan that they are utilizing in connection with their business.

### The Growth of the Mail Order Business.

**D**EVELOPMENT of what is known as the "mail order" business in the United States has given rise to widespread demand for better and simpler means of sending money through the mails.

It is claimed by those who have looked into the matter with care that the enormous sum of \$2,000,000,000 is sent through the mails in this country every year. Of course, most of this transfer of funds is by bank checks. A considerable share of it is by post office money orders. Bank checks and money orders serve very well for people who have bank accounts or for those who are so situated that it is convenient for them to take out money orders. But this applies to only a small percentage of the people and these methods are more adaptable to the handling of sums of \$5 and upward. Possibly not one person in a hundred the country through has an account in bank against which he can check. Only 40 per cent. of the post offices in the United States issue money orders. Besides, experience has demonstrated that a great majority of people who wish to make small remittances through the mails will not take the trouble to get money orders, even if their post office has a money order department. That requires a personal visit to the office; it takes time; it is a bother; often it calls for expenditure of car fare.

The result is that in order to save trouble millions of people send money loose in the mails. The buying of articles by mail is becoming a larger and larger part of modern business and hence, the mails are more and more filled with letters carrying paper or silver money or postage stamps. Many losses and much inconvenience result. Publishers and mail order houses are flooded with stamps which they do not want and which they must often sell at a discount. Stamps stick to the letter paper in which they are inclosed and have to be soaked and rummaged.

Last year 296,559 letters containing loose money, drafts, stamps and money orders found their way to the Dead Letter Office. Two-thirds of them contained stamps, and more than half of the remainder loose money.

An exceedingly simple means of providing the people with that long felt want, a convenient postal currency, has been de-

vised by Mr. C. W. Post, of New York. He has patented his invention, but has assigned the patents to the Government without charge, and Congress has been asked to introduce the new system.

It is proposed to print all one, two and five dollar bills, and also suitable denominations of paper currency in fractions of a dollar, with blank spaces in which the name of a payee may be written. Let us suppose you wish to remit \$1.25 to a publisher for a book. You take from your pocket a clean dollar bill and a 25-cent paper note. You write in the blank lines the name and address of the publisher and mail the money. Thus, without a bank account, without a visit to the post office, without any bother or loss of time, you have converted your money into a check. Your remittance incurs no risk of theft in the mails, as the notes will now be paid to no one but the person or firm you have named.

For this privilege of converting notes into checks on the United States Treasury you pay the Government a fee of two cents on the one dollar bill and of one cent on the 25-cent fractional note by the simple means of affixing postage stamps in the designated places. These fees will pay the cost of reprinting the money and thus do much toward giving the country what it has long needed—clean paper currency.

It is estimated that the Government's receipts under this system would be larger than by the present money order method and the people and business men would secure a convenient, up-to-date means of making remittances which could not fail to increase the use of the mails for that purpose.

The new plan has been well received by government officials and it is considered quite probable that the near future will witness its adoption. Business men throughout the country favor it. The Post Office Department Commission of the Congress just adjourned reported both favorably and unfavorably on the post check scheme—minority and majority reports. The Postmaster-General sent it to Congress with recommendation largely favorable. Congress, as indicated, did not take final action, so that the bill goes over to next session.

Another method of accomplishing the same result has been suggested by a well known literary man. It is to issue blank forms, which publishers and mail order houses can send out all over the country, placing them within the reach of the people. Then when one wishes to make a remittance he affixes postage stamps to the amount, an extra stamp for the fee and endorses the blank to the payee. The latter presents his remittance at his post office for cancellation and redemption. This simple plan is based on the fact that postage stamps

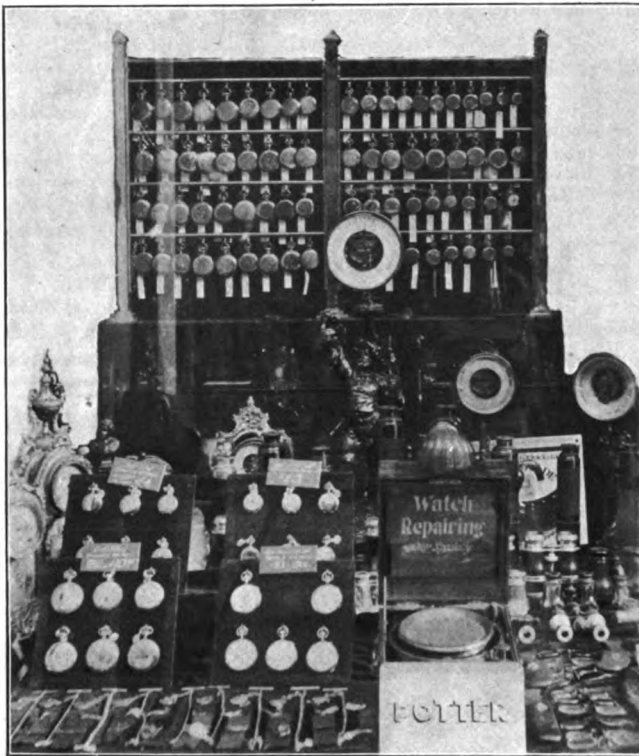


# ING and HENT St. JEWELLERS

are everywhere procurable and are already popular as fractional currency for mail remittances.—Walter Wellman, in *Collier's Weekly*.

## A Watch-Repairing Display.

THE illustration shows a timely display for the advertising of a jeweler's watch repairing department, recently forwarded to this paper by the Potter Watch Co., Inc., 88 E. Madison St., Chicago, Ill.



A WATCH REPAIRING DISPLAY.

This display is one which has proved effective for the concern and consequently may interest jewelers seeking attractive displays in that line.

It includes, besides the watches, a few accessories to the jewelry trade, such as clocks, opera glasses, spectacles, gold chains and fobs, barometers, and a time-honored chronometer conspicuously set in the foreground. This chronometer is an old time-piece which has done good service for several years. It was made by W. C. Potter shortly after the Chicago fire of 1871, and is now owned by the Potter Watch Co., Inc., of which Thomas L. Newgard is president and N. Bernhardt secretary and treasurer.

## London Diamond Merchants.

A DIAMOND merchant's office is as little as possible like the "shilling shocker" conception of it, writes the *London Express*. The Marquis of Anglesey made more show with his paste ornaments on his pantomime tunic than all Hatton Garden and Ely Place combined. A safe stands in the corner of the room and there is a pair of delicate scales on the writing table. For the rest, the room might belong to an insurance agent or an accountant in a

laces worth \$500,000 between them. Occasionally when a merchant has been "round the Garden," collecting jewels for the approval of some rich customer, he may lock up half a million's worth of stuff in his safe. And even the expert declines to give an estimate of the total value of all the precious stones in Hatton Garden and Ely Place on any given night. The modesty of the display is astonishing as the value of the stock and more astonishing than either is the absolute confidence reposed in each other by men in the trade. A merchant neither gives nor takes a receipt for his "parcels," and a parcel of diamonds may be worth anything up to \$10,000. Between 9 and 10 in the morning a merchant's office is crowded with travelers and brokers.

"I want such and such a grain," says the traveler. "Here you are," replies the merchant, handing him a tiny paper parcel, on which is inscribed the weight and the price per karat. He looks at the stones, and takes them or leaves them. If he takes them the parcel is entered to his name. He may keep them for a day or he may keep them for a week, but the merchant bothers no more till he returns.

## A Jewelry Repair Record.

THE method of keeping track of jewelry repair jobs by marking the name and instructions only on the repair envelope is a source of much annoyance to some jewelers. In this way there is no other record to consult and the jeweler can easily be imposed upon, for a person who has brought in a repair job may receive it and make a claim for it the second time.

To overcome this difficulty the jeweler should have a numbered record book in which should be written the customer's name, address and the date when the job was received.

The number corresponding to the name, the date and instructions should be written on the envelope. When the article is called for the name in the record is referred to for the number and then when the job is given out a record of the fact can be made in the space allotted for that purpose.

The name, date and address will enable the jeweler to notify the customer that his article is repaired, etc., if it is not called for in a reasonable time. J. G. K.

Phil. Levy, proprietor of a jewelry store at Morganfield, Ky., writes to President Francis, of the World's Fair at St. Louis, Mo., as follows:

"For the first souvenir gold dollar struck with a certificate from the mint that it is the first struck I will give \$5."

small way of business. There are no outer and inner guards, no mantraps, none of the sensational apparatus of the transpontine drama.

The safe is specially constructed to resist thieves and fire and a fall from a fifth story. Except for that, the precautions are no more obvious than they would be in a grocer's back parlor. Yet the safe always contains enough to make a rich man's mouth water. When a dealer of repute locks up his office and goes home to dinner he seldom leaves less than \$125,000 worth of precious stones behind him.

A few days ago there reposed in one of the Hatton Garden safes two pearl neck-



## Retail Jewelers' Advertising.

[This department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters full and particular as desirable. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed some weeks. Address all letters and other matters to THE JEWELERS' CIRCULAR PUB. CO., 11 John St., corner Broadway, New York.]

THE advertisements reproduced this week are those of R. Ashby, Colorado Springs, Col.; Ernest C. Veysey, Boulder, Col.; J. C. Peers, Rockford, Ill.; Traub Bros. & Co., Detroit, Mich.; The G. W. Jewelry Co., Peoria, Ill., and C. C. Miller, Massillon, O.

It seems rather strange that more jew-

able is the very heavy black border which seems to give it a funereal appearance. The border as seen in the ad. reproduced herewith is much lighter than the original border used. Space, too, seems to have been used rather lavishly, although the text is sufficiently strong to attract a certain amount of attention. J. C. Peers is ju-

It is a remarkable fact that the opticians are doing some clever advertising. The cut used in the G. W. Jewelry Co.'s ad. is very well chosen. The argument is strong and ought not fail to appeal to wearers of spectacles and eyeglasses.

The C. C. Miller ad. is a fair example of the comic picture style of advertising, effectively used in conjunction with attractive reading matter.

### One Thing at a Time.

"SMALL shot" isn't very effective. Scattered thoughts are weak ones. Diverted rivers become brooks. If you would do a thing well you must do

### Souvenirs For Tourists

You will find nowhere a more complete line of desirable souvenirs than at our store. Souvenir spoons in endless variety. New and odd things that cannot be duplicated in the west, either singly or by the dozen, making the kind of a gift you will wish to present.

**R. ASHBY,**  
THE OPTICAL JEWELER.  
BANK BLOCK.

### A DANDY LOT OF SOLID SILVER

## Colorado Souvenir Spoons

From 50c Upward.

with all kinds of handles and numerous engravings in bowls, such as Chautauqua Auditorium Building, University Building, Oil derricks, Boulder Falls, Profile Rock, etc.

**VEYSEY** The Jeweler  
2012 14th St.

## Golf Stick Hat Pins

They are the latest novelty in hat pins.

Strong, durable and unique in design, they make a dainty gift or prize. This is only one of the many novelties of which we are showing this summer

**J. C. PEERS**  
JEWELER.  
204 West State Street.



### SOUVENIR SPOONS

Containing Mementoes of Detroit Harbor, Belle Isle Park, Public Buildings, Etc.

Diamonds, Rings, Watches,  
Jewelry, Silverware,  
Cut Glass, Etc.

Established Reputation for Best Goods at Popular Prices.

Eye Glasses fitted by Expert Optician. Smoked Glasses for all occasions.

**TRAUB BROS.**  
118 Woodward Ave.  
BRANCH:  
**TRAUB BROS. & CO.**  
205 Woodward Ave.

## YOU CAN'T SEE TO DO IT?



Here's help for you—a pair of spectacles or eyeglasses, which we will guarantee to remedy vision defects, if you have any vision left. At any rate, it's well worth your while to have us examine your eyes. Come to us for the glasses. We'll fit and test your eyes free.

**THE G. W. JEWELRY CO.**  
311 Main Street Peoria, Illinois

## The Man in the Moon



May look at this speck of earth through a hand-glass, but for a man on earth the best glass to use in looking at it is a pair of C. C. Miller's Extra White Flint Glasses, carefully adjusted to your eyes. We will turnle you with the best and charge you nothing for examination.

**C. C. MILLER,**  
THE WEST SIDE

elers are not advertising souvenir spoons at present, which is generally considered to be a seasonable time for the sale of those articles.

The ad. of R. Ashby is quite well arranged, but possesses no extraordinary features. The argument is good and ought to influence buyers seeking souvenirs. Ernest C. Veysey's ad. is certainly displayed in type sufficiently bold. One feature of it, however, which does not seem quite commend-

iciously advertising in a well constructed ad. golf stick hat pins. The border is somewhat unique and ought to enhance the ad's effectiveness when placed alongside of other ads. in newspapers. Traub Bros. & Co.'s ad. makes good use of its space and the trade-mark in the upper left hand corner beside the full faced type, underlined for emphasis, cannot fail to catch the eye. The divisions of this ad. are also fairly well emphasized. The last two ads. are optical.

it with all your heart and all your mind and all your soul. And you must keep doing it.

Concentration, application and energy—what can stand before them?

Knead your advertising dough carefully before putting in the paper to bake.

The blacksmith makes one stroke at a time on his forge. The carpenter drives one nail at a time to build his house. The printer sets one letter at a time to make his book.





### Keys of Clocks and Watches.

THE keys of clocks and watches were created when motor springs were invented, that is to say, towards the end of the fifteenth century. Until then, house clocks were operated by means of weights

Primitive keys are of two kinds, for clocks as well as watches. The first kind, in one piece, has the head and square made from the same piece of metal. The other is made with a crank; its head is mounted with a pivot on a horizontal stem, at the other extremity of which the square is

engraved like that of the watch keys of which we shall speak presently. Towards the middle of the 17th century keys with a ring which had exactly the same shape as those of to-day were used for winding up clocks, the only difference being in their dimension, which would seem exaggerated to us now, but which was necessary then to wind up the enormous springs of the huge works of that time. For the finer clocks they were made of copper.

Often the keys that have a head with a ring have a second square, like the watch keys of which we shall speak. This square, mounted on the head, served to wind up the spring of the alarm. The keys of modern traveling clocks originated from those of the 17th century.

We shall now occupy ourselves only with watch keys which, contrary to clock keys, have a very interesting artistic history. They have changed in shape or style with every epoch, conforming in their ornamentation to the elaborately chased watches from which they often borrowed their decoration. The crank keys of the sixteenth century are most interesting. Their heads, pierced and engraved with ornaments which often recall strawberry leaves, were mounted on finely moulded stems (Fig. 1. No. 1), the handle forming the exterior of the square being carefully turned. They were generally of copper, although some were also made of silver and gold. In these keys are again found the same decorative motifs as in the cases and certain parts of the works. Figure 1 shows several of these keys belonging to the collection of M. Paul Garnier and M. J. Olivier.

In the 17th and 18th centuries the metal heads of the crank keys were cast and chased instead of being only engraved and pierced. Such are those represented by Fig. 2 and Fig. 1, Nos. 2 and 3, which are in the style of Louis XIV, or that of No. 4, same figure, which is Louis XVth style, and made of solid gold. The keys, Nos. 5 and 6, represented in Fig. 1, belong to the collection of M. J. Olivier, and are of the same metal. Their heads are adorned with exquisitely enameled paintings.

(To be continued.)

### New Electrical Signal Clock.

JAMES O. Lyman, of Waterbury, Ct., superintendent of the Standard Electric Time Co., has just invented a new electric signal clock which is intended to operate bells and signals on factories, schools or other buildings.

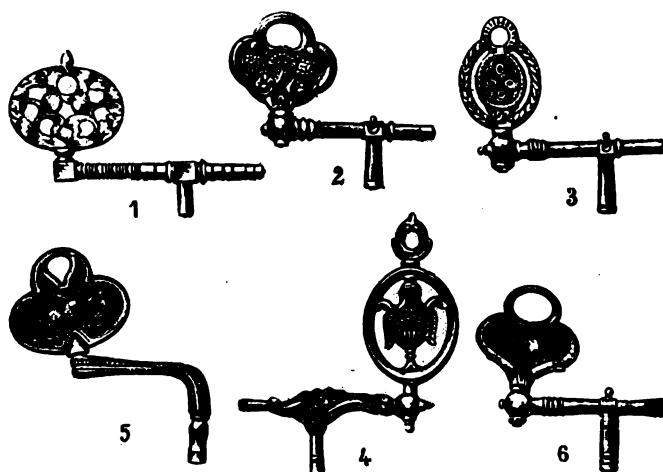


FIG. 1.—KEYS OF 16TH AND 17TH CENTURIES.

and counterweights. It was sufficient to pull a cord in order to wind the clock without the use of a key. Old Froissart says in his "*Horloge Amoureuse*" ("Clock

placed vertically. This arrangement gave more force by reason of the length of the lever arm. These keys, which were made entirely of iron, were the same as

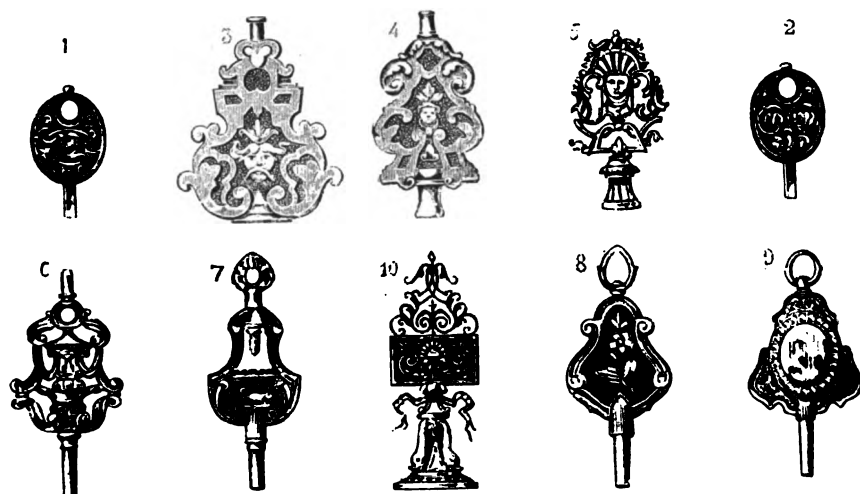


FIG. 2.—KEYS OF 17TH AND 18TH CENTURIES.

in love"): "The weights are lifted and put to their task." It was only subsequently that the weights were lifted by a key turning a cylinder on which the cord was wound.

those still used for winding the Comtoise clocks manufactured in our day.

For table clocks of the Renaissance the keys made in one piece were generally used. Their head was sometimes pierced and



### Uniform Measurements by Tenths of Millimeters.

THE introduction of a uniform gauge based upon the metric system for all materials, such as glass, springs, dials, etc., has been the long cherished hope of all watchmakers, jobbers and manufacturers, and this wish has been often expressed in the trade press as well as in resolutions at the various meetings of the trade.

The justification of this demand need hardly be explained here, as any one who has had difficulty in ordering materials will at once concede it. The dealers can tell a woeful tale on this subject, especially as regards orders for watch springs, there being at present no less than four different gauges in use, viz., the Robert gauge, the Montandon gauge, the Lepines gauge, and the Boley decimal gauge. As a rule the senders of the order omit to state which system has been used in measuring and the consequence is that the dealer has to make an inquiry regarding this point before forwarding the goods, or else take chances by using his own judgment.

his Saxon inch measure, receives 7-in. dials because the manufacturer measures by Rhenish inches, or he orders 1/0 glasses which do not exist at all, not to speak of all the inconveniences in ordering the thickness of springs according to the unreliable pivot gauge.

Therefore, should we really not be able to put these long endured nuisances out of the way? It certainly ought to be possible without involving great sacrifices, all that is necessary being to utilize the 10th system so long in existence. We will then not even require the Boley spring measure for springs, which is used by all spring manufacturers, for the Glashütte 10th measure, or the slide gauge, suffices.

And whoever may have a large stock of springs on hand only need to renumber it according to the subjoined table, which we have taken from the current price list of the firm of Gustav Sturm; that is a work which every apprentice can do and which costs nothing.

Now it rests with you, brother watchmakers, to show your good faith by introducing a uniform spring measure, for the fault lies with you and not with the man-

as 1/0, but as 2/0. Hence a number, 1/0, does not exist at all, although it is frequently ordered by watchmakers and even by dealers, thereby giving rise to numerous mistakes and inconveniences.

Another drawback consists in the fact that the numbers of our two glass manufacturers do not coincide, the one measuring its crystals according to the Rhenish, the other according to the Paris inch or lines. This causes the greatest confusion and it will be readily understood why dealers especially have taken the initiative to obtain a uniform glass measure. At the last meeting of German watch and clock jobbers, the attending owners of the glass factory "Dreibrunnen" were urged to adopt the metric system for measuring their glasses and they have now complied with this request.

Hence, the Dreibrunden glass factory now furnishes crystals which are measured by 1/10 millimeters and are also graduated in 1/10 millimeters.

This, it is true, has been promulgated in another place with the simultaneous publication of a reduction table, but it was not apparent from that article that the said factory was now actually furnishing glasses

RATIO OF THE MOST POPULAR SPRING MEASURES TO THE METRIC DIVISION. THE FOUR NUMBERS BELOW ONE ANOTHER ARE FOR ONE WIDTH.

Spring measure, Robert	3/0	2/0	1/0	1	2	3	4	5	6	7	8	9	10	11	12
Montandon	3/0	2/0	1/0	1	2	3	4	5	6	7	8	9	10	11	12
Lepines P. R.	3/0	2/0	1/0	1	2	3	4	5	6	7	8	9	10	11	12
Width in 1/10 mm.	6 1/2	6 1/2	7	7 1/2	8	8 1/2	9 1/2	10	10 1/2	11	11 1/2	12 1/2	13	13 1/2	14
Spring measure, Robert	18	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Montandon	3	4	5	5	6	7	7	8	9	9	10	11	12	13	14
Lepines P. R.	3/0	0	1	1	1	2	3	4	5	6	7	8	9	9	10
Width in 1/10 mm.	14 1/2	15 1/2	16 1/2	17	17 1/2	18	19	19 1/2	20	20 1/2	21	22	22 1/2	23	23 1/2
Spring measure, Robert	28	29	30	31	32	33	34	35	36	37	38	39	40	41	..
Montandon	14	15	16	16	17	18	18	19	20	21	22	23	23	24	..
Lepines P. R.	10	11	12	12	12	13	13	14	15	15	16	..	..	..	..
Width in 1/10 mm.	24	25	25 1/2	26	26 1/2	27	28	28 1/2	29	29 1/2	30	31	31 1/2	32	..

PROPORTION OF THE THICKNESS OF THE SPRING TO THE SIZE OF THE DIAMETER.

Number of Diameter	2/0	0	1	2	3	4	5	6	7	8
Size of diameter in mm.	21 1/2	21	20 1/4	19 1/2	18 3/4	18	17 1/4	16 1/2	15 3/4	15
Thickness of blade of spring in mm.	27/100	28/100	29/100	30/100	31/100	32/100	33/100	34/100	35/100	36/100
Number of diameter	9	10	11	12	13	14	15	16	17	18
Size of diameter in mm.	14 1/4	13 1/2	12 3/4	12	11 1/2	10 3/4	9 3/4	9	8 1/4	7 1/2
Thickness of blade of spring in mm.	17/100	18/100	19/100	20/100	21/100	22/100	23/100	24/100	25/100	26/100

This is a deplorable state of affairs which has occasioned much vexation and expense to all concerned and hence the strong reason why the introduction of a uniform system of measuring is to be encouraged through the means of the press and otherwise.

When we probe the causes why the introduction has been delayed we arrive at the conclusion that the watchmaker alone is responsible for such delay, because a uniform measure has been existing for years in the tenths of millimeters system, and has actually been used for a long time by the manufacturers of springs; but there are very few who order according to it. Most of them still possess the Robert or even the Montandon gauge and will not part with it, despite the friendly advice of the dealers in materials, who are thus compelled to number their springs by the different systems. If the fellow craftsmen have not the courage to part with the old measures then all attempts to introduce the metric system are unavailable and we shall still measure, 50 years hence, by lines, Parisian inches, Rhenish inches and 1/2 numbers. Errors will occur then, as they do to-day, when a watchmaker who orders 6-in. clocks which he has measured with

manufacturers or dealers, as some may imagine. The latter had decided 16 years ago to measure only according to the millimeters system, and no one would welcome the news of the final discarding of the other measures with more pleasure than the manufacturers, since they would in that case no longer be required to measure their springs by four different systems.

The circumstances are somewhat different in the instance of watch glasses, for here the manufacturers were standing in the way; but now, thanks to the action of a glass factory, that obstacle has also been removed.

The glasses are measured by lines, each line being divided into 16 parts. In Germany, however, we reckon by 1/2 numbers, consequently there are two numbers at 8/8 to every line. At the adoption of this division the smallest glass then in existence was designated as No. 0, and the larger ones with correspondingly higher numbers. Later on the guichet (demi-hunting case) watches came up which required considerably smaller glasses and hence their numbering caused great difficulty. To obviate matters numbers below 0 were adopted, the next smallest crystal not being designated

measured by tenths of millimeters. The article rather created the impression that they had merely reduced their 1/2 crystals to the metric system. We are glad, therefore, to be able to announce upon authority from the representative of the factory, that the long expected and much desired decimal division of the crystals has been introduced.

Whether or not it will be carried through depends only on the watchmakers, but we hope that the advantages offered by the new gauge system will induce everybody to adopt it, for no more confusion can occur relative to crystals below 0, and, furthermore, the considerable difference in the glasses bearing one and the same number will be slighter, as they will have a much finer gradation.

Above all, we expect that those watchmakers who start in business or buy a new glass cabinet will only take glasses divided according to 1/10 mm., but the older fellow-craftsmen, also, ought to remodel their arrangements after this system. With the aid of the reduction table prepared by us and printed herewith this is an easy task and well worth the trouble on account of the advantages mentioned.—Translated from the *Leipziger Uhrmacher Zeitung*.



# ORDERS BY MAIL SOLICITED.

*We carry a full line of everything you need, and fill orders with a promptness and accuracy unequalled by any other house, and at prices as low as is consistent with quality of goods offered. ♣ We manufacture emblems, pins, etc., and repair jewelry and watches for the trade at minimum prices. ♣ Give us a trial order to-day.*

MAIN SPRINGS,  
TOOLS OF  
EVERY SORT.

**L. C. REISNER & CO.,**

*Manufacturing Jobbers, Importers and Exporters.  
Watchmaker's Tools, Material and Supplies.*

Branch: 111 S. Eighth St.,  
PHILADELPHIA, PA.

Lancaster, Pa.

JEWELS AND  
STAFFS, FINDINGS  
AND SUNDRIES.

**100,000**

American Watches have  
ABBOTT'S PATENT  
STEM-WINDING ATTACHMENT

A few more KEY-WINDERS are  
still in use. Send them to us for  
alteration and MAKE A FEW  
DOLLARS FOR YOURSELF.

HENRY ABBOTT, 9 Maiden Lane, New York.

**Horological Department,  
BRADLEY POLYTECHNIC INSTITUTE,**

Formerly Parsons Horological Institute,  
PEORIA, ILLINOIS.

Largest and Best Watch School in America.

We teach Watch Work, Jewelry, Engraving, Clock Work, Op-  
era. Tuition reasonable. Board and rooms near school at mod-  
erate rates. Send for Catalogue of Information.

Write for Terms.

Only Limited Number of Pupils Taken.

**MINNEAPOLIS**

**School of Engraving,**

411 Lumber Exch. Bldg.

Personal Instruction by Expert Instructors. Engraving  
Taught in all its Branches. Day and Evening Classes.  
MINNEAPOLIS, MINN.



**EMILE GEISER,**

Manufacturer of  
**FINE WATCH SPRINGS.**  
La Chaux-de-Fonds, SWITZERLAND  
Export Trade.

Specialty of mainsprings for chronometers and  
watches of precision.

Free and reverse-movement mainsprings. Spe-  
cialty of springs with bridges and American style  
springs. Mainsprings with concentric expansion.

The  
**"Big Four"**

A Railroad  
**Of the People**  
Operated  
**For the People**  
And Recognized  
**By the People**

As the standard passenger line of the  
Central States.

2,500 miles of railway in

**Ohio-Indiana-Illinois**  
**Kentucky and Michigan**

Through Sleepers between

New York { And { Cincinnati  
Boston { Chicago  
Washington { St. Louis  
Finest Day Coaches Ever Built.

Write for folders.

Warren J. Lynch, W. P. Deppe,  
Gen. Pass. & Tkt. Agt. Asst. Gen. P. & T. A.  
CINCINNATI, OHIO.

## JULES JÜRGENSEN Watches and Chronometers

Have Received the Highest "Possible" Award,

**Paris—"The Grand Prix"—1900**

**Sole Agents, SCHULZ & RUDOLPH,**

28 John Street and 65 Nassau Street,

NEW YORK.

**PAUL DITISHEIM,**



Watch Manufacturer, La Chaux-de-Fonds.

**THE GRAND PRIX,**

PARIS, 1900.

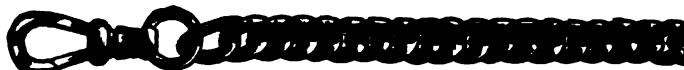
**SMALL LADIES' LEVERS AND CHRONOMETERS A SPECIALTY.**  
High-Class Ornamental Watches Decorated by Leading Craftsmen.

Just Awarded—State Prizes and Honors for highest records ever obtained for chronometers at  
the Neuchâtel Swiss Observatory (Prix Généraux, 1897-08-1901).

Telegraphic Address, DITIS, Chaux-de-fonds.

**WM. SMITH & CO.,** GILL BLDG., 9-13 MAIDEN LANE, N.Y.  
61 PECK ST., PROVIDENCE, R. I.

ESTABLISHED  
1854.



MANUFACTURERS  
OF

**Gold, Silver and Rolled Plate Chains and Jewelry.**

Novelties in Gold and Silver Bracelets. Also a large line of Chain Trimmings.

**ALOIS KOHN & CO.,**

Established 1850.

16-18 MAIDEN LANE, NEW YORK.

Manufacturers, Exclusively, of

**SOLID GOLD CHAINS.**

We will send samples on consignment on receipt of satisfactory reference.  
Correspondence Solicited.

**28 out of 45 PRIZES**

were awarded to

**PATEK, PHILIPPE & CO.**

In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series  
Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six,  
four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.



## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 214.—How to Set a Clock in Beat.**—*I sometimes have wondered how a watchmaker could set a clock in beat in a noisy room or factory without any level. Will you please inform me how that is done?*

A. E. R.

**ANSWER:**—When the ticking cannot be heard take a rule, a screw driver, or any other suitable object. Hold one end between your teeth and let the other end rest upon or against the clock; then close your ears and the ticking will be quite audible.

**QUESTION No. 215.—How to Fit a Glass.**—*I have many times encountered difficulties in fitting a glass in a stiff bezel and when the glass fits very tight it often happened that it broke, which is very annoying when one lives in a small town where sometimes he has to wait many days before being able to replenish his assortment of glasses. Is there no means of doing such fitting more easily?*

A. E. R.

**ANSWER:**—When you heat the bezel moderately, holding it with a piece of paper, the glass can be fitted without any difficulty. This is specially very recommendable for the fitting of glasses in bezels of French clocks.

**QUESTION No. 216.—Leather Coloring.**—*I have some leather cases and satchels which have lost their brown color; would you kindly give me a recipe for again restoring their brown color?*

L. W. P.

**ANSWER:**—A good brown stain is made by boiling equal parts of pine and alder barks in six times their bulk of water until all the coloring matter is extracted and when cold adding a small quantity of alcohol. Saffron boiled for 12 or 15 hours gives a good brown stain, to which alcohol must be added to make it set. All stains appear to better advantage and are rendered more lasting by being covered with a shellac varnish, which should be applied after the leather goods are all dry and then finished up. The shellac should be applied with a sponge. To make the varnish dissolve 15 parts of spirit, half a pound of logwood extract and then add 1½ oz. of bichromate of potash. After that add 1 pound of shellac and 5 pounds of turpentine. When dissolved it is ready for use.

**QUESTION No. 217.—Luminous Signs.**—*I would like to make signs which could be read in the dark. Do you know where ink for writing or printing them can be bought, or can you tell how to make such ink?*

L. P. W.

**ANSWER:**—We do not know where these inks can be bought, but we know of a phosphorescent composition that can be made giving different shades of phosphorescence according to its mixture. It is composed of calcined carbonate of lime and sulphur, to which 1 or 2 per cent. peroxide of manganese is added. The phosphorescence will be yellowish, but if instead of the manganese a small quantity of carbonate of soda be added the phosphorescence will be greenish. and if a compound of 1 or 2 per cent. of bismuth be used it will be bluish. If the

above mentioned materials be pulverized, added to linseed varnish and then sufficiently ground, the paste may be used as typographical printer's ink. Signs on cardboard or paper printed with this ink and exposed to light during the daytime will be luminous and readable in the dark.

**QUESTION No. 218.—Left-hand Screws.**—*I send you two left-hand screws that were cut with a right-hand screw plate and I will be more than obliged to you and also many readers if you will tell me how it is done. We have a man living in our town that will cut you a left-hand thread any size you want, provided you furnish him with a right-hand plate. Most of our mechanics here do not credit him with doing this, but I believe he does it from the fact that he has but few tools and has but two right-hand screw plates and has no lock box anywhere about his place such as would be needed to conceal an assortment of left-hand screw plates. I will send you any number of screws, any size you wish to see, if those which I send you are not sufficient.*

M. G. M.

**ANSWER:**—Very simple operations sometimes appear difficult and even mysterious to those unacquainted with them, and they will sometimes pay a comparatively high price to learn a trick which might easily be explained by reading the trade papers. The man in your town who cuts those left-hand screws must have had many amusing moments when people came to search for left-hand plates. We are sorry to deprive him of his laurels by divulging his methods. Left-hand screws are not cut in a right-hand plate, but with a right-hand plate it is possible to make a left-hand plate and then from the latter left-hand screws can be cut. This is done as follows: Cut a thread on a piece of steel wire of the desired size with a right-hand plate. Then, instead of filing three or four cutting edges on the top, as is generally done, which make the top either triangular or square, file only two sharp edges, so as to make it of a sharp oval shape. Then harden and anneal it. Now take a piece of steel, drill a suitable hole in it and with the oval top cut a thread only in the reversed way as you would do for a right-hand plate. If properly and carefully done a good left-hand screw plate may thus be cut. It is needless to say that before using the left-hand plate to cut screws it must be hardened and annealed.

**QUESTION No. 219.—Book on How to Repair Watches.**—*Will you kindly advise me through THE JEWELERS' CIRCULAR—WEEKLY if there is a book on how to repair watches, and if so where can I buy it and what would it cost? Thanking you in advance.*

A. J. A. H.

**ANSWER:**—There are several books of that kind. Send us your street address and we will send you our new catalogue of books.

**QUESTION No. 220.—Small Watch Screws.**—*I read your article taken from a western exchange about small watch screws, balance pivots and their side shake in hole*

*jewels, in the issue of July 30. Which statement is correct, that in the western exchange or the rules as explained by Saunier, Gribi and other writers on horology?*

N. E. H.

**ANSWER:**—The article published in the issue of July 30 was published in a western exchange, as you say, but slipped into our columns without our revision. The horologists to whom you refer are the ones to be guided by.

**QUESTION No. 221.—Wooden Clocks.**—*Please give me the address of firms who make wooden clock movements.*

B. L. C.

**ANSWER:**—So far as we know, there are none in this country. In the Schwarzwald, Black Forest, a kind of wooden clock movement is made. They are, however, not the same as those formerly made in our country. In the Schwarzwald movement only the plates and frame are of wood; the wheels are of brass; some of the arbors are of wood and a steel or iron wire traverses them to serve as pivots; others are entirely of steel or iron. The pinions are what are called lantern pinions. Such movements can be bought from clock jobbers or importers.

### One on Hans.

**"D**OT'S a reklar foolisher uv a clock," remarked the stalwart German, as he gazed upon a unique product of the horologist's art hanging on the wall in a country barber shop. "Looks to me such a twistedness, or vas it me vas twisted, yes, no?"

And, indeed, he had good cause to wonder, for there hung a clock with dial reversed and its big hands moving from right to left! The barber's explanation, however, convinced him that it was rather a clever piece of ingenuity and not the awkward blunder he had supposed.

"You see," began the tonsorial artist, "my friend Clox is quite an inventive genius; in fact, a horologist, and he made that clock expressly for my shop. If you will only look in that mirror you will notice that the clock appears perfectly normal, quite like any ordinary timepiece. When a railroad commuter, for instance, runs in here for a shave and has no time to spare, all he has to do is to gaze in that mirror instead of craning and twisting his neck to see the time. Simple piece of mechanism, too. The dial, as you see, is reversed, the number I being where XI. regularly is, the number II taking the place of the X, and so on. An extra wheel cleverly arranged in the movement causes the 'right to left' motion of the hands.

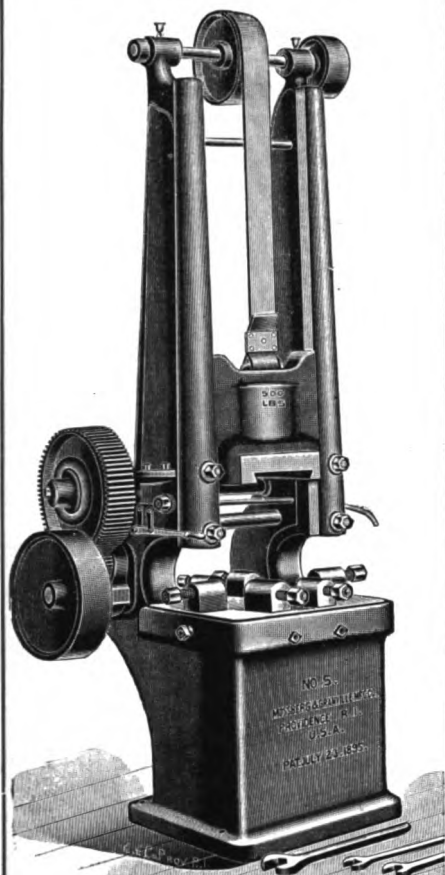
"Strange some large clock manufacturer never thought of that before, isn't it?" he continued. "Should think there ought to be a field for that sort of novelty. It certainly is useful, though, in this place. Why, say, Hans, you call that clock a 'foolisher'?" Hu! that clock brings me more trade than you'd imagine. It's a winner!"

Just then a city broker rushed in, the perspiration oozing out of every pore. "Your emergency clock correct, barber? Well, shave me quick." The barber, smiling sardonically at the convinced German, remarked, "Nuff sed, Hans," and the old wry-faced clock seemed to "second" his remarks with its ticking.

R. N.



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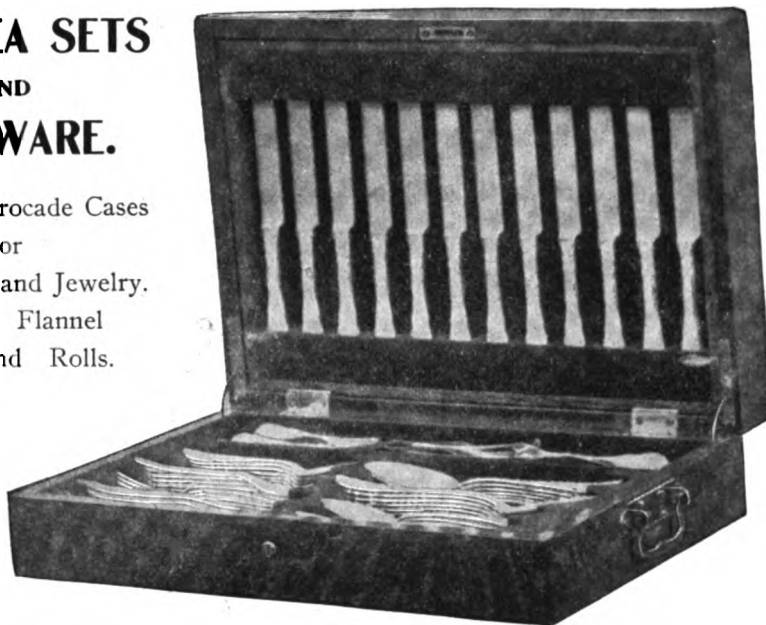


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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

#### ODD POTTERY AND RICH GLASS.

**A** PECULIAR and artistic line of pottery has just been received from Austria by Charles Ahrenfeldt & Son, 52 Murray St., New York. The color of the body of the pottery is maroon; the pieces are perfectly plain in design, and the entire absence of all decorative work on their surface gives them a severe yet artistic appearance. The finish is not glazed, neither is it rough or dull, but it glints in a way that defies description and has an effect distinctly its own. As a novelty a few pieces of this ware would be an attractive adjunct to the jeweler's stock. Among other Fall samples recently received by this house are some new styles in Bohemian glass. These pieces are all of the vase and flower holder variety and are decorated with raised floral designs in subdued shades of different colors. Max O. Doering, the New York manager of the concern, left, recently, for Europe, where he will remain some weeks arranging for the firm's Spring line of samples.

#### CASED SETS OF FINE CHINA.

**A** MONG the art goods carried especially for jewelers by Lazarus, Rosensfeld & Lehman, 56 Murray St., New York, is a beautiful line of high grade china sets in satin lined cases. These sets number from eight to 20 pieces and come in all sizes, designs and classifications, including game and fish sets, berry, ice cream, *l'ete-a-ete*, chocolate and tea sets, and a number of small toy sets that may be used as souvenirs. Each set shows rich deep colors and is decorated with a design appropriate to its own particular class. They are arranged tastefully in black morocco covered cases and will be much in demand for presentation purposes. They are also desirable and appropriate for display purposes in a jeweler's window.

#### CHINA IMPORTERS RETIRING FROM BUSINESS.

**B**ENJ. F. HUNT & SONS, importers of china and statuary at 41 Barclay St., New York, are going out of business. They are selling off their stock at reduced prices and advantageous offers are made in high grade Austrian china tea sets, cake plates and mantel ornaments. Much of the stock consists of Spring import samples that would be a distinct and profitable acquisition to any jeweler's line. The firm announces that it has no reason for discontinuing business other than that the members are not satisfied with the china importing business.

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### Engraving on Glass by Means of Gelatine.

(From the French of W. L. CAILLETET, in *La Nature*.)

(Continued from issue of Aug. 20.)

**T**HE contraction of the gelatine may be rendered visible by covering with strong glue, flat leaves of cardboard or lead, which curve up in drying and assume the form of an irregular cylinder. The same fact may be noticed with reference to gelatine photographic paper.

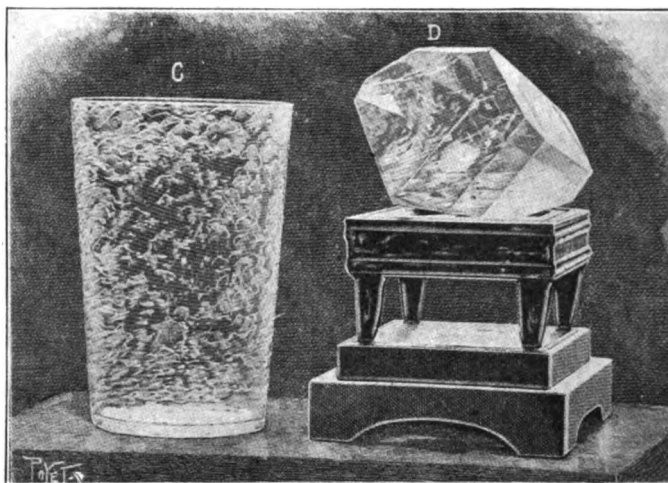
This engraving of glass, of crystal and various mineral substances, under the action of gelatine, may be employed for the decoration of numerous objects, as has been done by an able artisan, M. Barbey.

If any reader desires to attempt this proc-

afterwards apply a second coat, so as to obtain a smooth transparent surface, without air bubbles. Then allow the piece to dry, and when the gelatine is so hardened as not to yield under the pressure of the nail, which will be in about 24 hours, put the piece in a hot place, for example, the oven of a kitchen stove, in which the temperature should not rise about + 40° C.

When the piece is removed from the stove after a few hours the gelatine detaches itself with an audible sound and numerous scales of glass flake off. There is nothing further to do but to carefully wash and dry the piece.

The designs obtained are not always the same. The thickness of the gelatine coat, the time of drying and various other cir-



ess of decoration success may be assured by conforming to these simple details: dissolve in ordinary water heated on the water bath strong glue, called Flanders glue, and add to it 6 per cent. of its weight of potash alum. When the matter is well fused, homogeneous, and of the consistency of syrup, apply hot, by means of a brush, a first coating on the glass object. If the object is of ground glass the action of the glue is still more energetic. About half an hour

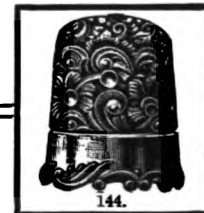
cumstances modify the form and number of the detached scales.

It is indispensable to employ glass articles of sufficient thickness, for on covering the glass with a coating of strong glue, called "muslin," the mechanical action to which it is subjected during desiccation is so powerful as to cause it to explode.

The strong glue should not be allowed to dry in glass vessels, as they will become corroded and break in a short time.



136.



144.

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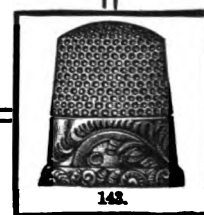
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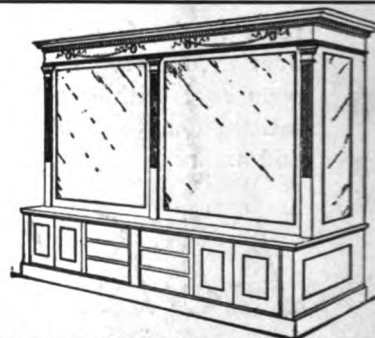
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, SEPT. 3, 1902.

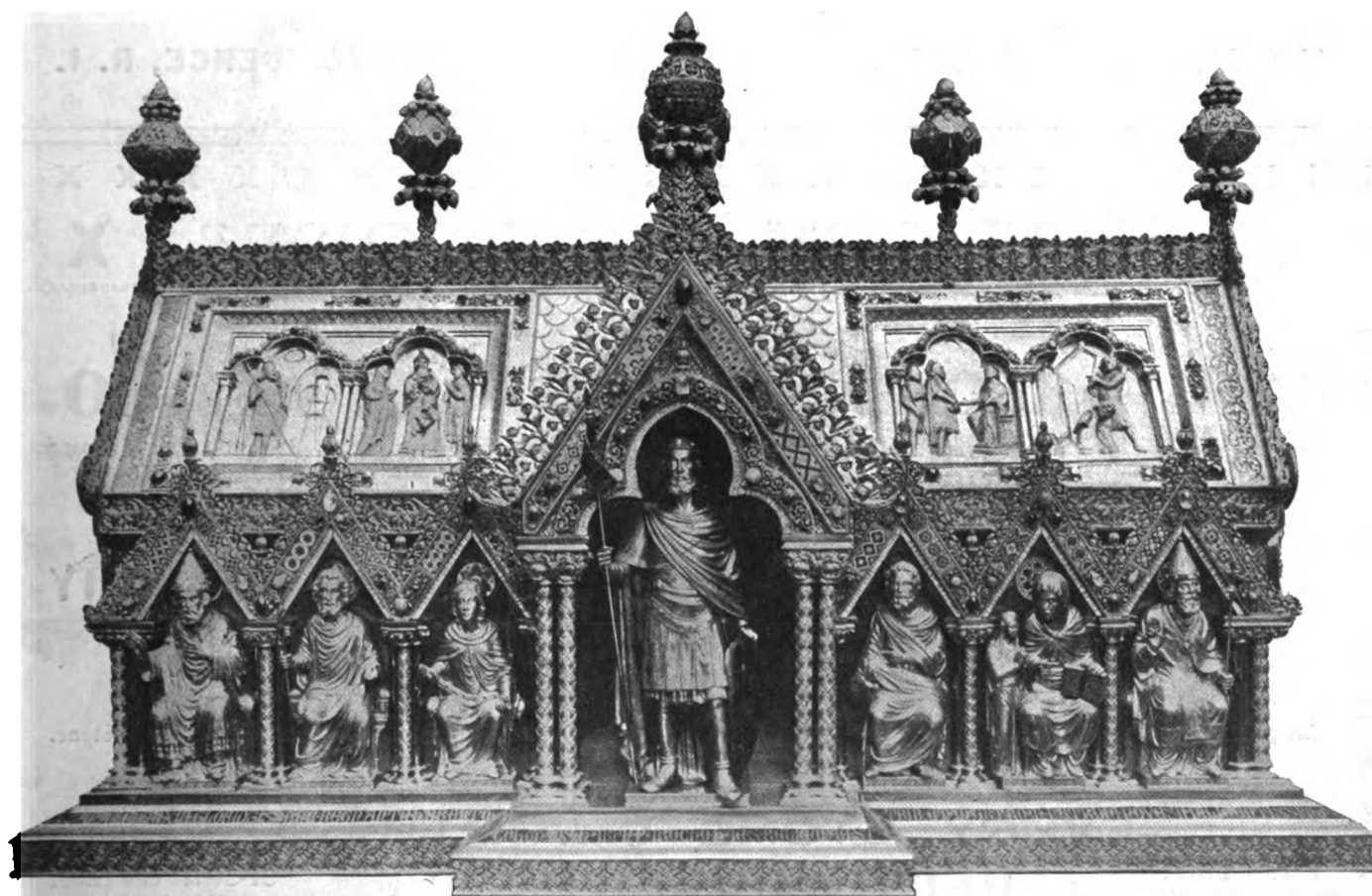
Vol. XLV. No. 5.

## THE QUIRINUS SHRINE AT NEUSS.

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new century the bodies of the martyrs were kept in catacomb like crypts, over whose vaults stood the altar at which the mass was celebrated. From then on the custom increased of lifting the holy remains from their reconditories to enclose them in cost-

were often employed for their construction. The fields of the spar roof crowned with a pierced crest were enlivened with figure relief scenes in embossed work taken from the life or the legend of the respective saint and the long and frontal sides of the



SHRINE FOR THE QUIRINUS CATHEDRAL OF NEUSS.

and the resultant flourishing of the plastic arts and the various branches of the minor arts. The increased worship of relics at that period especially, caused an uplifting of the artistic activity of the goldsmith and the enameler. Up to the beginning of the

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(Continued on page 11.)









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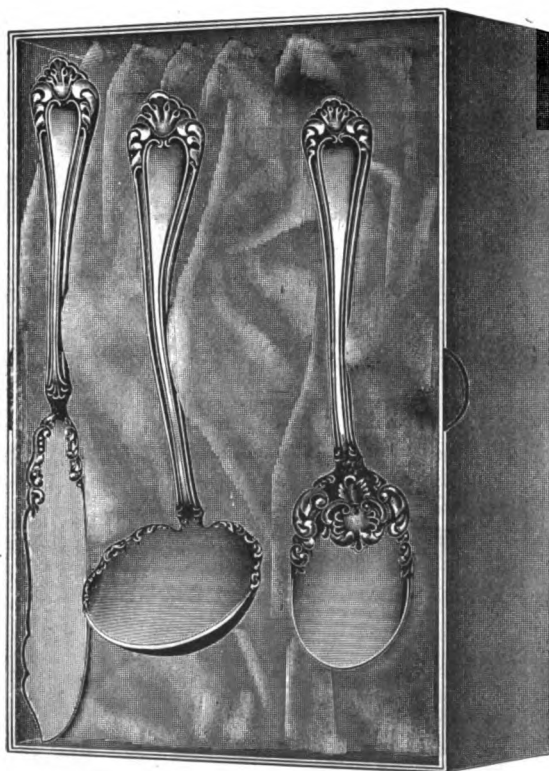
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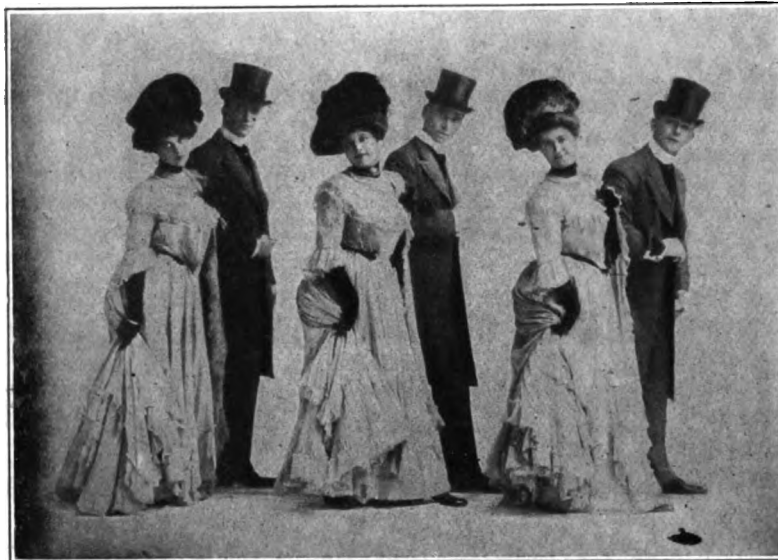
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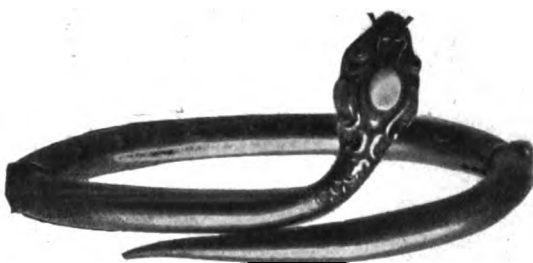
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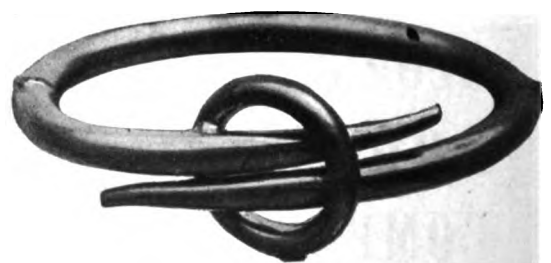
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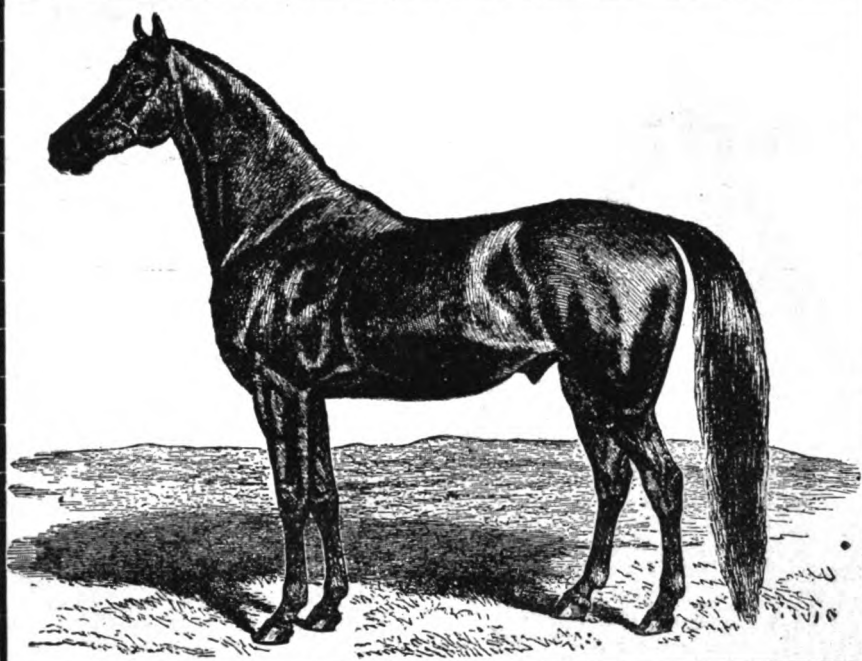
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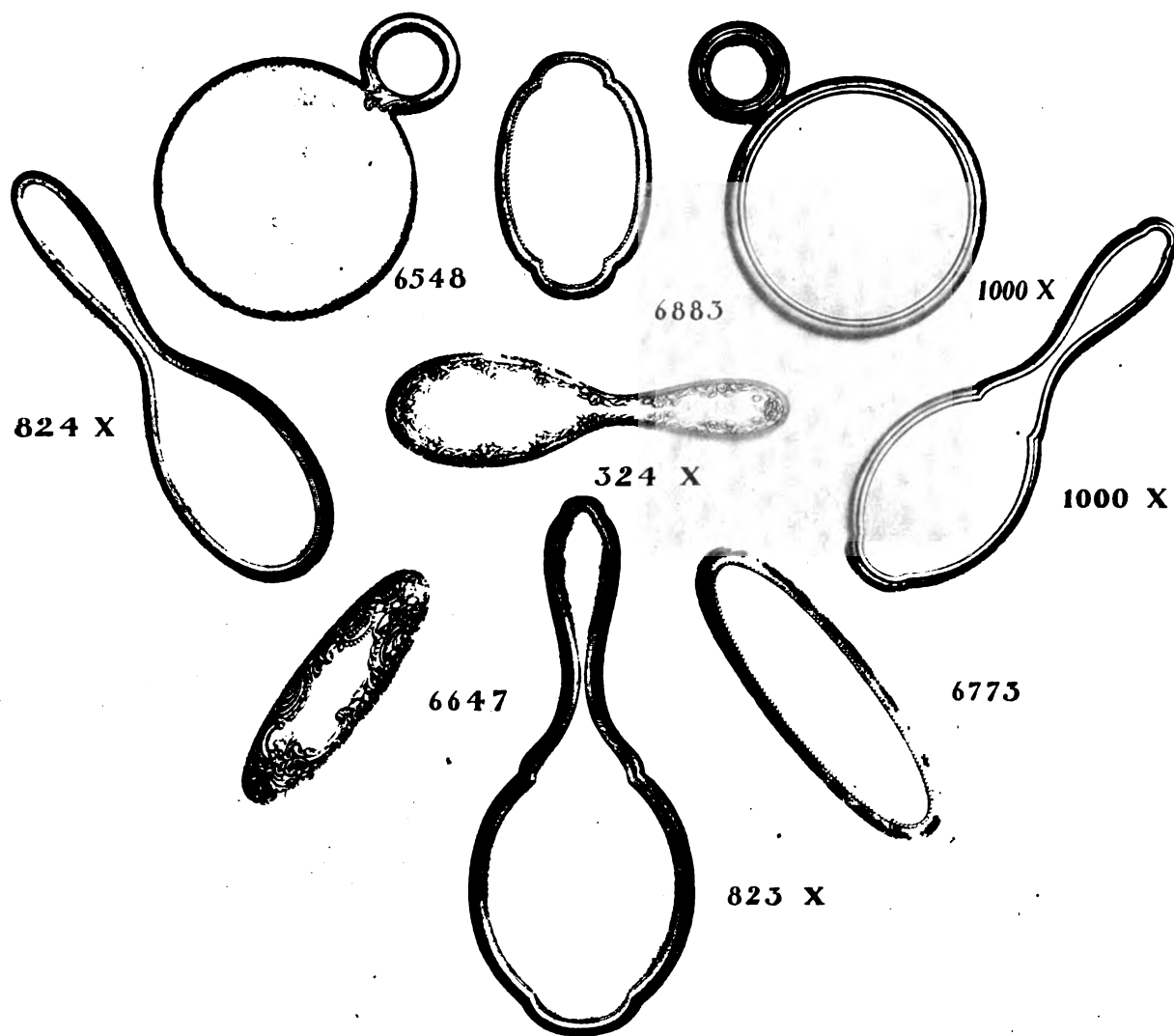
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**The Quirinus Shrine at Neuss.**

(Continued from page 1.)

of enamel and filigree work and by artistically set precious or semi-precious stones.

Many of these costly *theca* have in the course of time become estranged from their original purpose and found their way into the museums, while a large number of them are still to be found in the same places of worship for which they were made 600 or 700 years ago. Of these may be mentioned the shrines of St. Heribertus at Dentz, of St. Anno at Liegburg, of St. Suitbertus at Kaiserworth, of St. Remaculus at Stablo, as well as the Three Kings' shrine at Cologne, the Charles and Mary shrine at Aix-la-Chapelle, and the Elizabeth shrine at Marburg. While the majority of these shrines, says a writer in the *Journal der Goldschmiede Kunst*, have been handed down to us in a defective state or more or less successful restoration, some, espe-

cially the Aix-la-Chapelle shrine, have been preserved down to the present day in the same shape as they emanated from the hands of native goldsmiths in the 12th and 13th centuries.

With close adherence to the venerable forms of these Romanesque reliquaries, and particularly to those of the Elizabeth shrine at Marburg, the church goldsmith Britte has designed and executed for the cathedral at Neuss the shrine destined for the reception of the relics of the patron saint of the city, Neuss Quirinus. The Quirinus shrine, illustrated on page 1, has the form of the body of a rectilinear, one-nave church, intersected in the middle by a projecting cross-nave. The case of firm oak is covered by a mantle of metal which is fire gilt like all the other figured and ornamental metallic parts. The case, richly embellished throughout with sculpture work, has the respectable length of 1.22 meter, with a height of 0.81 meter and a width of 0.55 meter. The saddle roof of the body of the church is ornamented with

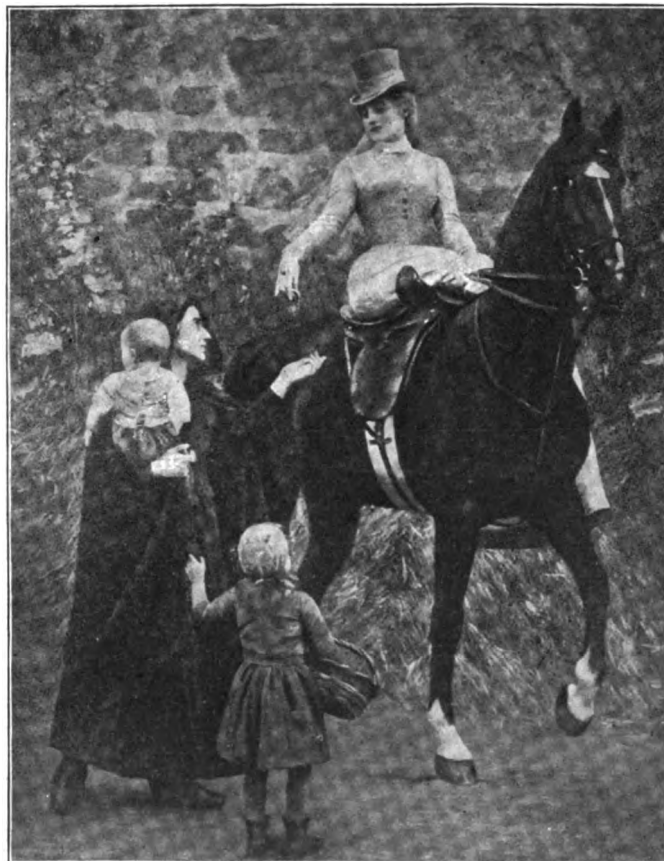
eight chased relief tablets in a fitting decorative framing.

These tablets give a pictorial representation of scenes from the history of the life of St. Quirinus. 1. The guarding of Pope Alexander I by the Quirinus Tribune. 2. Alexander baptizes his jailer, Quirinus, the latter's daughters, Belbina and Hermes. 3. Quirinus in bed before the judge. 4. Quirinus is beheaded. 5. Pope Leo IX delivers to the Abbess of Neuss, Gessa, the relics of St. Quirinus. 6. The relics are borne into the city with great ceremony. 7. A citizen of Neuss saves the remainder of the relics, which had been robbed and profaned at the time of war. 8. The city fire stops before the house of the citizen in whose custody the relics are. The various plates are faultlessly executed even to the most minute details.

The edge of the saddle roof is crowned with an openwork comb from which at suitable intervals magnificent filigree knobs rise up. On the roof of the cross structure a shingle pattern is seen which, like

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the ornamental strips at the farthest corners of the roof, is fashioned in brown enamel. The long sides of the shrine are decorated with 12 statuettes, the frontal side of the main structure and the transept with two each, making in all 16 embossed figures. The pointed gables are supported by three little columns each, which are partly smooth and polished, partly worked in relief.

On the frontal side of the cross structure stands the figure of St. Quirinus, chased in silver, below a richly decorated clover leaf arch, borne by four small columns whose capitals exhibit a braided band pattern, from which hawks' heads peek forth. These, as well as the other capitals occurring in the shrine, are copied from those of the Quirinus Cathedral.

The Saint is represented in the costume of a knight. His right hand holds a pennoned lance, while his left rests on a shield bearing the coat of arms of the Neuss Cathedral. Opposite the figure on the other side of the transept is that of martyr St. Sebastianus, and on the face of the church body the Majestas Domini and the Virgin Mary are to be seen.

The models for all the reliefs and the statuettes, modeled by the sculptors Pohl and Esser, of Aix-la-Chapelle, testify to a perfect familiarity with the laws of the Romanesque style, the figures being free from both awkward distortion and too realistic conception. No less than 600 precious and semi-precious stones, as rubies, emeralds, sapphires, opals, etc., were employed for the decoration of the Quirinus shrine, as well as 130 enamel plates, each one with a different model. Around the foot of the shrine runs on a red enameled ground a Latin inscription in gold letters:

"This shrine is a work which can safely take a place by the side of the mediæval reliquaries, reflecting honor upon its maker and upon the old imperial city, Aix-la-Chapelle, where the goldsmith's craft has always played a prominent part, and constituting an ornament to the architecturally beautiful venerable Quirinus Cathedral of the ancient city of Neuss."

### Recent Reappraisements of Merchandise.

The following were among the appraisements handed down recently by the Board of General Appraisers:

Manufactures of metal and glass from Ledwig Weerth & Co., Barmen, June 10-18, 1902: Pin sheets, entered at 7.30, advanced to 7.80 marks per 100 sheets. (296) Cash discount, 2 per cent. Add cases.

Manufactures of metal and capsules, from Betts & Co., Bordeaux, July 5, 1902: 19x44, salmon, black side mark, entered at \$4.50, advanced to 35.50 francs per 1,000; 20x49, fluted and perforated, 398, extra dry, entered at \$4.50, advanced to 48 francs per 1,000; discount, 1 per cent.; cases included.

Manufactures of cotton and metal, c. c. v., from Leoboldti Freres, Paris, May 15, 1902: Tidies, 45x45, No. 15, entered at 4.60 francs per dozen; do., 100 x 100, No. 18, entered at 1.80 francs per piece; discount, 10 per cent. and 2 per cent.; no advance.

Manufactures of metal and glass shawl pins, not ornamented, not jewelry, from Kirchner & Co., Barmen, July 2, 1902: Mat heads, No. 0 Art. 65, entered at .32, advanced to .35 marks per gross do., No. 1/2, entered at .24, advanced to .32 marks per gross Art. 65; do., No. 1, entered at .28, advanced to 33 marks per gross Art. 65; do., No. 2, entered at .32, advanced to .35 marks per gross Art. 65; add case; discount, 2 per cent.



**George F. Kunz's Report.**

Production of Precious Stones in 1901, to  
be Published by the United States  
Geological Survey.

[The publication of this Report was commenced in THE JEWELERS' CIRCULAR—WEEKLY of Aug. 13, and was continued in succeeding issues. It is concluded in this installment.]

**NEPHRITE.****NEW ZEALAND.**

Reference was made in the last report of this division to the discovery of nephrite in place in Siberia. A recent announcement of its occurrence in serpentine on D'Urville Island, New Zealand, is made in a paper by E. Dieseldorff, referred to in the *American Journal of Science*, 4 xiii., No. 73 (Jan., 1902). This is the first discovery of nephrite in place in New Zealand, where it has so long been known and used, but heretofore always from boulders. The mineral was found here both as nodular masses in serpentine and as boulders, with the interesting difference that while the latter were especially true actinolite, with no signs of alteration, the former showed uralitization, being in fact uralite-nephrite. This indication bears out a suggestion made years ago by Arzruni that nephrite may in some cases be an alteration from an original pyroxenic mineral.

**MOONSTONE.****NORTH CAROLINA.**

A very interesting new form of moonstone has been found by Mr. D. A. Bowman, near Bakersville, N. C. The moonstone is either white or gray feldspar, oligoclase, at times quite transparent, then translucent, being more remarkable in that parallel to the cleavage planes. There are crystals of a red goethite that are unusually brilliant and iridescent by reflected light, so that in one light the stone may have the appearance of a moonstone, and in another that of a sunstone. The goethite reflections are brilliant red and often iridescent.

**MEMORIAL MUSEUM, SAN FRANCISCO.**

The Memorial Museum at Golden Gate Park, San Francisco, Cal., was referred to in the report of this division for 1895, as having received at its opening some valuable precious stones. During the past year this museum has been further enriched by the generous donation of Mr. Max Braverman, of Visalia, Cal., of his entire collection of minerals and precious stones, numbering over 800 specimens. Mr. Braverman has for many years been an enthusiastic collector, and his name has frequently been mentioned in these reports in connection with the announcement of new California localities. The collection is therefore especially valuable for the precious stones and other minerals in it that represent California, as it contains many excellent examples of the tourmaline, chrysoprase, quartz, agatized wood, chalcedony, etc., of the state, besides of general collection of precious stones and minerals from the United States and from localities all over the world.

It is stated that Mr. Braverman has lately had offers for this fine cabinet from various important institutions, both in the East and on the Pacific coast, but has concluded very generously to present it, without any conditions, to this public museum, where it will be accessible and useful to the people at large, as well as a valuable supplement to the collections of the state mining bureau.

**GEM CUTTING IN FRANCE.**

A commission appointed by the Minister of Commerce to gather statistics as to the industrial position of France has recently examined and reported upon 38 establishments for working in precious metals and gems, most of which are in the department of the Seine. There are three workshops for the cutting of diamonds and other precious stones, employing 130 persons, of whom 15 per cent. were women and children. The day is of 10 hours, and the average daily wage is 8 francs. Four establishments for cutting imitation gems were also visited; these employed 810 persons, of whom 20 per cent. were women. The day in these is of 11 hours and the average pay 5 francs.

Vahut & Myers, Warren, O., have decided to remodel and improve their store.

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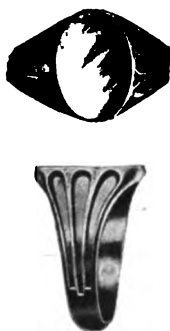
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## Diamonds and Carbon in Bahia.

(Continued from issue of Aug. 27, page 19.)

## METHOD OF MINING.

The method of mining differs in the different sections. In the most productive one, the work is of two kinds: removing the surface disintegration and that in the gullies, crevasses, and beneath the more accessible stones, or mining by tunnels between the stones into the pockets of the mountains and taking out the cascalho found there. The cascalho is usually collected until toward the week's end, and is then laboriously washed, either by pouring the mass in sluices or ditches of running water and agitating it with a hoe, or by placing small quantities in large wooden basins and washing it in nearby water. In the first instance, the object is to wash the soil and lighter particles away, arrangements being made to impede the heavier masses and consequently the diamonds and carbons. The part remaining is carefully washed in the large wooden basins, and the rocks picked over by hand. The miners are so accustomed to the appearance of the desired stones that in spite of the fact that there are ordinary stones which closely resemble them, they can wash and finally sort a very large quantity of diamond-bearing material in a short time.

The other method of mining consists in diving to the bottom of the river bed and removing the silt, sand, gravel, etc., as far as the layer of clay or stone beneath. This system is carried on mostly in the Paraguaçu River, from a point midway between Bandeira de Mello and Andaraí to José Amaro. The center of this kind of work is near the village of Tamandóá. Here are located six diving machines, but at the time I was there, which was the proper season for mining, there was only one in operation, two men diving alternately and remaining about three hours below, putting the cascalho into sacks lowered from above. The sacks, when full, were elevated to canoes and taken on shore for washing.

Besides the machine divers, there are about 20 men who dive naked into the more shallow places, and this number is increased to about 100 in the dry season, and to even a greater number when the periodical droughts arrive.

## LABOR CONDITIONS.

As in all mining regions, there are records of great finds with a small amount of work and records of a great amount of work with great privation and no finds. In general, the present conditions of the section are not such as to offer any encouragement for new miners who would work according to the present system, particularly for those who could not exist upon jerked beef, beans and farina (manioc meal), the only available food, and could not live and work under all kinds of weather conditions, in a section rich in mosquitoes and subject to malarial fevers of the worst type.

It is true that there are perhaps as many as 5,000 people who work more or less in the mines, but they do not labor systematically, and endeavor to take out such cascalho as can be easily removed. Their only implements are a hoe, a crowbar, a hook-shaped piece of metal about two fingers in width and about eight inches long, mounted on a pole three or four feet in length; sometimes a hammer and a hand drill; and two wooden basins, one of small size to carry the cascalho to the water's side and a large basin with which to wash. Now and then ordinary powder is used to assist in removing a refractory ledge of rock.

The miners have washed the sand down to the rivers, have covered up most productive river beds, and have piled gravel, broken stone, etc., upon sections that could easily have been mined with a little modern machinery, but will now necessitate considerable capital to prepare them for operation.

In my trip, which included the greater part of the diamond section and was sometimes over the worst stretches of road which I have ever seen, I could not find or hear of a person or company working with modern machinery or tools or using modern methods. In the home of the carbon, there was not even a hand-power rotary drill, much less a carbon set drill, which would frequently save days of work and much expense, by cutting holes to blast ledges of rocks that the cascalho below could be removed. Instead, men are employed who with hand drill and hammer make on an average three holes per day. This is even true of the French company, which leased a location known as "Mar de Espanha" and is preparing for the removal of the river from its present bed, though I understand that this company later on will introduce a



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No. 678,640 JUNE 18-1901.

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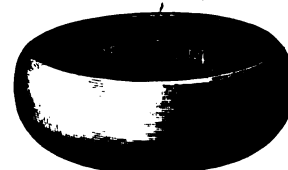
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#### STATE REGULATIONS.

According to law, all diamond and carbon bearing lands belong to the State. It is possible for a person or any nation to take out a claim, by complying with the regulations. These require a claimant to make a general description in writing of the portion desired—which may be not more than 484,000 square meters (578,864 square yards) or less than 29,040 square meters (34,732 square yards)—and to file application for the same at the office of the director of diamond mines at Lençoes. If the portion selected has never been leased, notice of the sale of the parcel selected is published and 80 days thereafter it is put up at auction and sold to the highest bidder. If the claim has had a previous lease, the time for advertising is reduced to 10 days. A claim can be leased for from one to 10 years, and may be renewed *ad libitum* upon the payment of 50 per cent. in advance of the auction price for the subsequent periods of renewal. There is usually no competition at the auctions.

At present, there are 351 leased claims, and it is estimated that there are 450 other productive claims without lease.

For miners who care to work on lots without leases, there is issued a license which grants a privilege for a year; such a license costs about \$1.50 in our money, including stamps.

Anyone mining without a license or lease subjects tools and such stones as may be found to confiscation, the State giving one-half of the value of the confiscated property to the informer.

In addition to the State fees, there is in each village a miners' tax of 10 milreis (\$2.40).

Besides the claims leased in the regular way, there are various concessions which have been granted by the State to private parties and companies, but in all cases to Brazilians, except one concession to a French company at Cannavieiras, which section I have not visited. In the Paraguaçu region, there are six such concessions, from which the State receives sums varying from 482 milreis (\$105.08) to 8,000 milreis (\$1,920) a year.

A few who have concessions or have leased claims do mining for their own account, paying the miners wages and keeping whatever is found; but most concessioners and lessees allow miners to work on their claims for from one-fifth to one-fourth of the value of the diamonds and carbons discovered. This method seems to be the more desirable, as miners working for their own account will labor harder than those employed by the day. There is little chance for fraud, as a good find soon gets noised about, and the buyers, knowing the miners and their claims, reserve the proper amount for the owner of the claim when the stones are presented for sale.

(To be continued.)

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## Horological and Optical Patents.

### Statistics of Inventions in a Special Census Report.

(Continued from issue of August 27.)

The main trend of invention in this art (horology) is the improvement of electric clocks and time-operated valves and dampers. The electrically operated clocks are not only kept wound as long as the battery lasts, but are once a day automatically set to proper time by a connection through the telegraph lines with the Observatory at Washington. Patents to Gardner, 287,015, Oct. 23, 1883; Gregory, 550,090, Feb. 25, 1896, and Fischer, 595,911, Dec. 21, 1897, fairly illustrate this art. The time-operated mechanisms are intended to turn on and off gas in cities at the proper time, automatically operate various classes of machinery, etc.

A device for keeping account of the time employees are actually present is shown in patent 453,230, June 2, 1891, to Bundy. Workmen's time recorders have been notably improved by the addition of a machine patented by Girond, Oct. 23, 1900, 660,250, in which each time the time-printing mechanism effects the printing operation upon a removable record card a part is cut from such card to form an abutting shoulder to properly align the cards for the next succeeding time impression. These devices have been improved also by the machine of J. & A. Dey, patented March 28, 1899, 621,994, such machine involving improvements in automatically shifted time-printing wheels.

Activity in optics has been very marked. An important scientific invention has been made by Beehler, called the solarometer, patent 533,340, Jan. 25, 1895. This invention relates to instruments for taking observations of heavenly bodies and solving mechanically the parts of the astronomical triangle used in navigation and like work, the principal feature and object of which is to determine the position or the compass error of a ship at sea, independently of the visibility of the sea horizon. If the horizon is clouded and the sun or a known star is

visible a ship's position can still be determined by the solarometer.

The kinetoscope has been perfected, its pictures have been made stereoscopic and views in natural color have been produced by the application of the three-color process. In field glasses and other telescopes the aim has been to reduce the body of the instrument and increase the field. Great success has been attained in this direction by the use of Porro prisms. In binoculars these prisms are employed as the objectives and are set a distance apart greater than the distance between the eyes, thus increasing the stereoscopic effect. Also, by employing several of these prisms, properly arranged, the path of light in the telescope may be broken up, resulting in a more compact instrument. A similar idea has been applied to a monocular telescope.

In instruments for testing the eyes the retinoscope enables the oculist to ascertain for himself all the defects of vision of the patient, avoiding errors necessarily present when the patient has to be relied upon for the information.

An optical pyrometer has been produced which enables differences of 10 degrees or less to be detected between temperatures which range in the thousands. The method employed in this instrument is scientific to a marked degree.

As exemplifying what has been done in optics the following patents are referred to: Armat, 578,185, March 2, 1897; Abbe, 584,976, June 22, 1897; Jenkins, 606,993, July 5, 1898; Prentice, 627,011, June 13, 1899; Lee & Turner, 645,477, March 13, 1900; Ripley & Wadsworth, 661,023, Oct. 30, 1900, and Fitch, 663,266, Dec. 4, 1900.

### Death of Edward Silvey.

HARPER'S FERRY, W. Va., Aug. 27.—Edward Silvey, a jeweler, well known in this section, died Monday morning of hemorrhage while driving with his wife.

Mr. Silvey, who was a resident of Boiivar, had been suffering from lung trouble for some time. He was a native of Scotland, and was 54 years old.

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SUCCESSORS TO  
GREEN BROS.

MANUFACTURERS OF THE CELEBRATED



IMPERIAL  
AMERICAN MAIN SPRINGS  
REGISTERED TRADE MARK

OPTICAL GOODS,  
WATCH CHAINS,  
SILK GUARDS.

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

**Our Cardinal Points :**

- 1st—Accurate and Rapid Filling of Orders
- 2nd—Unlimited Stock.
- 3rd—Right Prices.
- 4th—Best Grade of Goods.

**"We handle everything known to the trade and solicit correspondence."**



# THE PERFECT CASE.

Perfection is made up of trifles, but perfection is no trifle, said a great master. It is the thousand

details, each in itself trifling,

which distinguish the per-

fection of the **A.W.C.CO.**

case from all others. Each

case shows that a master

workman has watched over

every detail and has given to the case the

impress and individuality of his own mind.

*Many a mickle  
Makes a muckle.--*

*Burns.*

Jewelers visiting New York  
are cordially invited to call.

American Watch Case Co.,

9-11-13 MAIDEN LANE, NEW YORK, N. Y.



The "BLUE BOOK"The "RED BOOK"The "OUTING BOOK"The "BROOCH BOOK"

*These four books show everything in Watches: for every season, for every taste of every section of the country, for boy, girl, man or woman: for fun, outing, trophy, gift, memento, business or fashion—formal or informal. Every size from the smallest 8-ligne to the largest 18 size. Every casing from nickel to solid gold. Every form of design, from plain to hand engraved and iridescent enameled. All serviceable and warranted whatever the size or grade: all timed and tested in the cases before shipment and ready for the wearer, without adjusting or fussing of any kind. It's a stunningly attractive line. Get your season's orders in early.*

## New England Watch Co.,

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

The Diamond Markets.

PARIS, Aug. 18.—A complete change occurred here in the diamond market this week. Several transactions took place in 2, 3 and 4 grains stones, and the prices paid for these show a gratifying firmness. A number of foreign buyers were present and the weather being much better than last week conditions were favorable for the trade in general. L. Peeters, of Antwerp, who was here, made several purchases.

Pearls and coral continue to be steady. Fine colored stones maintain their high prices.

Reports received from Turin, Italy, say that the exhibition is meeting with great success.

AMSTERDAM, Aug. 18.—A slight change was observed in this market during the last fortnight. The general tone is better, according to the reports of our merchants, who are doing a very satisfactory business. Merchants expect a fine business for next month.

America continues to buy the fine grades of diamonds, while Germany, Austria and Russia are taking small and lower qualities.

LONDON, Aug. 20.—Now that the festivities of the coronation of King Edward have ended, everyone is looking to business again and a certain briskness is observed in the diamond trade. The main thing is the rise of 5 per cent. on "spotted" rough diamonds, to begin with 4 grains and larger goods. The trade think, however, that other qualities will be raised in the near future.

Mr. Strauss, of Backes & Strauss, London, left for Antwerp. One of our diamond firms stopped payment last week, but it seems that a settlement will be arranged.

Pearls are much in vogue here. It is reported from the Cape that an extraordinary

diamond has been found in the mines of the Frank Smith Diamond Co. The result was that the shares of the company went up 100 per cent. in one day. The stone weighs 336½ karats. Its value is inestimable as it stands, but the owners will be obliged to put a value on it to pay the taxes of 1 per cent. to the government.

The output of the Yago Sapphire mines is increasing daily and color and quality are making them the best found in any part of the world.

ANTWERP, Aug. 18.—To seek the reason for the great change which took place in the diamond trade since the beginning of the month would be very difficult, especially if we take note of the season of the year. The improvement was also observed in other diamond markets, as Paris, London and Amsterdam.

Several of our merchants are very busy and brilliant polishers are in demand.

The following buyers helped to increase the activity observed these days: Mr. Gorbetz, of Warsaw; L. Hackenbroek, Frankfurt-on-Main; Julius Vigdor & Son, Vienna; Mr. Goretti, Mr. Pompee and H. H. Ullmann, Paris; Mr. Reicyn, Rostoff; Mr. Berman, New York; Mr. Sernicolo, Rome.

The best demand is for 2, 3, 4 and 5 grain diamonds.

The new American way of polishing diamonds was given a trial here by J. Arons. He polished stones of 4 to 8 grains (1 to 2 karats), and the result is a demand by the workmen for more than 100 per cent. increase in salary over that for the usual cutting. The fire of the stone is largely increased, but it is certain that it requires much time and steady manipulation. The effect is shown much better in large than in small diamonds and cutters think it almost impossible to use this new method in factories having the average workmen.

**BOTH ARE SATISFIED**

YOU AND YOUR CUSTOMER  
WHEN YOU SELL AN

**"E. HOWARD & CO." WATCH.**

HE HAS A FIRST-CLASS WATCH. YOU HAVE A FIRST-CLASS PROFIT.

WRITE FOR AGENCY TO

**THE E. HOWARD WATCH COMPANY,**

403 WASHINGTON ST.,  
BOSTON, MASS.

*E. Howard & Co.*  
Boston.  
TRADE MARK  
ESTABLISHED 1842.

WE MAKE MOVEMENTS  
TO FIT REGULAR  
AMERICAN CASES.

**28 out of 45 PRIZES**

were awarded to

**PATEK, PHILIPPE & CO.**

in the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.



## *The two Competitors of the Jas. Boss Case.*

---

The Jas. Boss Gold Filled Case of to-day acknowledges two competitors: the Boss Case of yesterday and the prospective Boss Case of to-morrow. The Boss Case records the march of progress by continually improving on its own high standards of Quality and Beauty. In one direction, only, it is barred from further advances: it cannot improve on its fundamental principles of good faith with dealer and wearer. But it will at least hold its ground there; there will never be a retreat, in Boss Case history, in the quality of product or the integrity of principle. ❖ ❖ ❖ ❖ ❖ ❖ ❖ ❖

*The Keystone Watch Case Co.,  
19th and Brown Sts., Phila.*





# A. & B.

## HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

**AVERY & BROWN,**  
68 Nassau St., New York.

### Imports of Jewelry into Canada.

TORONTO, Canada, August 27.—The monthly report of the Canadian Department for Trade and Commerce, just issued for June, gives a summary of the exports and imports for the financial year ending June 30, 1902, showing a considerable increase of trade. The total imports for the year were \$196,480,190, and the total exports \$209,970,864, which is far in advance of all previous records. The imports as given by countries of exportation include the following, as compared with those of the previous fiscal year ending June, 1901.

Clocks and watches: For 1902.—Great Britain, \$24,966; United States, \$774,004; other countries, \$177,781; total, \$976,751.

For 1901.—Great Britain, \$20,217; United States, \$685,177; other countries, \$127,397; total, \$832,791.

Fancy articles: For 1902.—Great Britain, \$1,055,153; United States, \$390,150; France, \$323,196; Germany, \$375,267; other countries, \$74,942; total, \$2,218,708.

For 1901.—Great Britain, \$899,798; United States, \$362,626; France, \$266,322; Germany, \$347,215; other countries, 61,364; total, \$1,936,725.

Jewelry: For 1902.—Great Britain, \$69,026; United States, \$518,794; other countries, \$59,380; total, \$647,200.

For 1901.—Great Britain, \$67,814; United States, \$422,146; other countries, \$50,260; total, \$540,220.

Gold and silver and manufactures of:

For 1902.—Great Britain, \$57,685; United States, \$242,319; other countries, \$51,714; total, \$351,718.

For 1901.—Great Britain, \$63,012; United States, \$236,350; other countries, \$60,284; total, \$359,646.

Precious stones and imitations of: For 1902.—Great Britain, dutiable \$12,763, free \$317,250; United States, dutiable \$14,122, free \$79,366; Holland, dutiable none, free \$279,745; other countries, dutiable \$37,666, free \$112,949; totals, dutiable \$64,551, free \$799,310.

For 1901.—Great Britain, dutiable \$23,455, free \$397,625; United States, dutiable \$19,883, free \$75,639; Holland, dutiable none, free \$140,252; other countries, dutiable \$34,215, free \$73,973; totals, dutiable \$77,553, free \$687,489.

### Clock Company Files Certificate of Dissolution.

ROCHESTER, N. Y., Aug. 27.—A certificate of dissolution has been filed with the County Clerk by the Willard & Frick Co.

The company was incorporated in December, 1899, for the purpose of manufacturing time clocks, automatic time stamps and registers. It was capitalized at \$250,000.

The directors are: L. Louis Willard, William H. Reed, Frederick A. Frick, Robert C. Kershner, Guy K. Fullagar, Clara A. Willard and James S. MacCoy.

J. B. Cook & Co., Bismarck, N. D., have increased their working force.

# Omega Movements

ALWAYS GIVE SATISFACTION.

The O size, 7 and 15 Jewels, cased in Gold Filled or Solid Gold Cases, either Hunting or Open Face, are very good sellers.

Agents for all American Movements.

Full line of all makes of cases constantly on hand.

## CROSS & BEGUELIN,

Established 1863.

17 MAIDEN LANE, NEW YORK.





## THIS TRADE MARK

stands for *proved worth* in Filled Watch Cases. For a quarter of a century it has challenged competition, and has never had to acknowledge a superior.

*Crown 14k., 25 years.*

*Crown 10k., 20 years.*

PHILADELPHIA WATCH CASE CO.,  
Riverside, N. J.

</



# CLOCKS



## MARQUISE.

Eight-Day, Half-Hour Gong Strike.  
Height, 15 1/4 inches. Width, 7 1/4 inches.  
Porcelain Visible Escapement Dial, 4 1/2 inches.  
Arabic or Roman.  
Mercurial Pendulum.  
Polished Brass, Rich Gold Trimmings, Beveled  
Plate Glass Front, Sides and Back.  
Made with Jeweled Sash and Pendulum, additional.

are great advertisers. They are always on view, always doing duty. Many will inquire as to where a handsome clock was purchased who would not evince curiosity regarding jewelry or other wares. A beautiful clock advertises the jeweler's artistic reputation. A good time-keeping clock advertises his reliability.

*Push your clock department; it pays.*

Clocks that are always artistic and always right bear this trade mark.



The mark that's known the world over.

## THE ANSONIA CLOCK CO.,

NEW YORK, 99 JOHN STREET.  
CHICAGO, 90-94 WABASH AVENUE.

### Reward Offered for Arrest of Burglars Who Robbed Dunn's Store.

HOUSTON, Tex., Aug. 27.—It became known this week that Frank Dunn, a well-known jeweler and pawnbroker, who has stores at 1010 Congress Ave. and 312 Main St., was robbed, Aug. 12, of stock valued at \$1,200.

The burglary, which took place at the Congress Ave. store, was reported to the Police Department, but information about it had been withheld by the department from public and press. The police were unable to obtain any clew to the burglars, so after waiting two weeks, Mr. Dunn has advertised \$1,000 reward for the identification of the burglars, or \$500 for the recovery of the goods.

C. A. Mitchner, the attorney for Mr. Dunn, who offered the reward, said that the goods stolen consisted of about eight silver watches, three gold watches, a large quantity of earrings, studs, locket, charms, watch chains and necklaces, 20 Colt's revolvers and 15 Smith & Wesson revolvers, together with a number of pieces of cutlery and novelties.

From the condition of the store after the burglary, it is believed that entrance was obtained by the thief or thieves through an areaway into which he or they must have dropped from the floor above. The iron bars over the windows to this area were forced, and the stock not in the safe was pretty well looted.

### Tourmaline Company Installing a Cutting Plant at San Diego, Cal.

SAN DIEGO, Cal., Aug. 27.—The San Diego Tourmaline Mining Co., which was recently incorporated here and acquired possession of the Gail Lewis tourmaline property at Mesa Grande, has announced that it will not be many days before the precious stones taken from San Diego county soil will be cut and polished in the company's plant in this city.

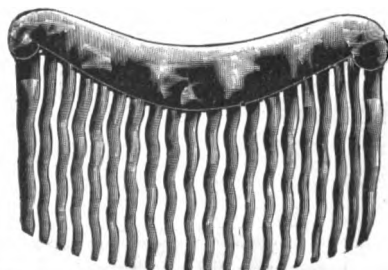
At present the company has three men at work on the Mesa Grande property taking out the crystals, which are being stored awaiting the construction of the polishing plant. The plant is now being installed in Naylor's store on Fifth St., and the interior of the store is being reconstructed to accommodate it. Part of the machinery has arrived and is being put in place, while the rest is expected here very soon. It will be run by electricity.

### Postal Authorities Arrest Manager of a Brooch and Jewelry Company.

NEW ORLEANS, La., Aug. 27.—E. C. Light, manager of a concern known as the International Brooch and Jewelry Co., of this city, has been arrested by the Post Office authorities here, on a charge of using the mails with intent to defraud. The company had a small office here and did business principally in photo buttons.

The authorities claim that in a circular sent to children throughout the southern sections the company claimed that it is one of the largest brooch and jewelry establishments in the United States. The boys and girls were asked to become agents of the concern on a guarantee of \$6 a week, but were required to remit \$2.50 in advance.

## Pioneer Tortoise-Shell House.



High Grade Shell Combs for the Best Trade.

**BACK COMB, No. 5617,  
\$3.00 EACH.**

Highly finished, hand made. 25 per cent. cheaper than any comb its equal on the market.

**A. TRENMANN,**

407 BROOME ST., NEW YORK.  
Established 1857.

## 1902-3 VEST POCKET BUYER'S DIRECTORY

Kindred Trades. **JUST ISSUED.** Price 50 cents. JEWELERS' CIRCULAR PUB. CO.

of the Manufacturers and Jobbers in the Jewelry and



# The W. J. Johnston Company,

*Fifth Avenue and Market Street, Pittsburgh, Pa.*

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Manufacturing and Wholesale Jewelers,  
Jobbers in American Watches.

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*We carry in stock the greatest variety and most complete stock of American Watches in the United States.*

OUR NEW CATALOGUE AND PRICE LIST SENT ON APPLICATION.



## Four Lines on the Elgin Pride

The ELGIN PRIDE is the case to last,  
Strength and beauty it has combined.  
'Twill stand hard usage as years roll past  
And prove to you what we've defined.

UNIQUE DESIGNS.

¾ GOLD 14 KARAT.

PERPETUAL GUARANTEE.

Illinois Watch Case Co., Elgin.



### Resolutions on the Death of President Samuel J. Galpin.

At the recent meeting of the employees of the New Haven Clock Co. the following resolutions anent the death of the late Samuel J. Galpin were passed:

Whereas, God, in His infinite wisdom, has removed from our midst our late president, Samuel A. Galpin, it is hereby

Resolved, That we, his employees, desire to express to the officers and directors of the New Haven Clock Co. our deep sympathy in their great loss.

To most of us the New Haven Clock Co. has been the source of our livelihood for years. Many of us have had personal association with our late president, all of us have felt the powerful influence of his hand at the helm. In his death we feel the deep grief that comes when a man closely in touch with us is taken away, especially a man who devoted his whole time and energies to the success of the business which meant so much to us, his employees.

To his family we extend our heartfelt sympathy.

### Dilsheimer Bros. Dissolve Partnership and Settle Differences Out of Court.

PHILADELPHIA, Aug. 30.—Ferd Dilsheimer, late of the firm of Dilsheimer Bros., jobbers in jewelry, 310 Market St., who recently filed in court a bill in equity asking for the appointment of a receiver to take charge of the business on the grounds of gross mismanagement on the part of his brother, August Dilsheimer, has opened a jobbing establishment at 710 Chestnut St.

When seen by a CIRCULAR-WEEKLY representative, Saturday, Ferdinand Dilsheimer said: "Our differences have been settled out of court. The stock has been divided and the partnership dissolved. I will continue my business here and trade under the firm name of Ferd. Dilsheimer & Co. M. Rosenstein is my partner. We will carry a full line of jewelry, watches and diamonds."

Under the firm name of A. Dilsheimer & Co., August Dilsheimer will continue his business at the old stand, 310 Market St.

Dilsheimer Bros. had been engaged in business together since 1873, sharing equal profits and losses. They have been very successful and the business earned large profits. Bad feeling, however, recently sprang up between the brothers and each accused the other of taking undue advantage. Threats and counter-threats were made, finally culminating in the filing of a bill in equity in which Ferdinand charged August with gross mismanagement of the business and with misconducting himself in the presence of their employees. All these charges August denied in his answer to the bill in equity, insisting that it was due to his skill, energy and care that the business prospered so well. He charged Ferdinand with appropriating the firm's securities, and for the purpose of enforcing upon him an immediate dissolution of the firm's affairs had harassed and annoyed him.

It seems now unlikely that the case will ever come up in court for trial or argument.

### Newly Appointed Trustee of Morgan Jewelry Co. Sues Receiver.

DES MOINES, Ia., Aug. 27.—Clarence L. Sheets was yesterday appointed trustee for certain creditors who applied to the United States Court for an order in bankruptcy against the Morgan Jewelry Co. After the bankruptcy proceedings had been commenced in the United States Court the company resisted on the ground that it was not insolvent. Later the company asked for a receiver in the District Court and one was appointed. This brought on a direct conflict between the Federal and State Courts.

Yesterday the trustee was appointed and he commenced suit to restrain the receiver from disposing of the goods and to compel him to turn the books over to him. The trustee also makes the accusation that certain of the creditors are in a conspiracy with the receiver named by the District Court to prefer other creditors. He also makes the accusation that a large quantity of diamonds were fraudulently disposed of by the receiver and members of the company.

F. M. Smith, Woodbine, Ia., recently moved into his new building.



## NEW PHOTO SOUVENIR Match Safe.

A NOVELTY.  
A GREAT SELLER.

Pat. April 15, 1902.  
Cut  $\frac{3}{4}$  actual size.

A BUTTON miniature photo of any grade can be placed in and removed as desired by the purchaser. Made in sterling silver and sold as cheaply as any other sterling match safe.

The design and workmanship are up-to-date and present a very rich and elegant appearance. Prices and samples furnished on application.

**S. BIREN,**

48-50 Maiden Lane, New York.

## MOST COMPACT

AND THINNEST  
DUST-PROOF

HUNTING and OPEN FACE

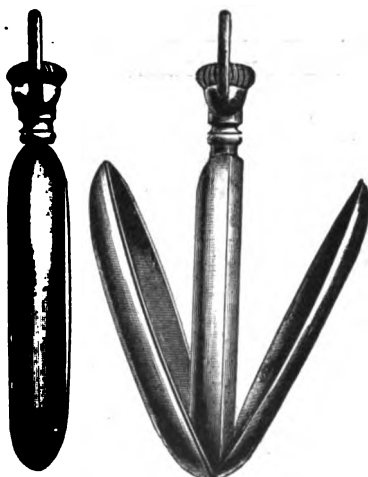
## GOLD CASE

MADE IN THE WORLD

FOR

AMERICAN MOVEMENTS.

Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

**DUBOIS WATCH CASE CO.,**

21-23 Maiden Lane, N. Y.

## Have you placed a sample order yet for the new model 6-size FORTUNA?

If not, why not?  
They sell at sight and give satisfaction to the most particular customers.



No. 800.—7 Jewels, Nickel Damasked, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.



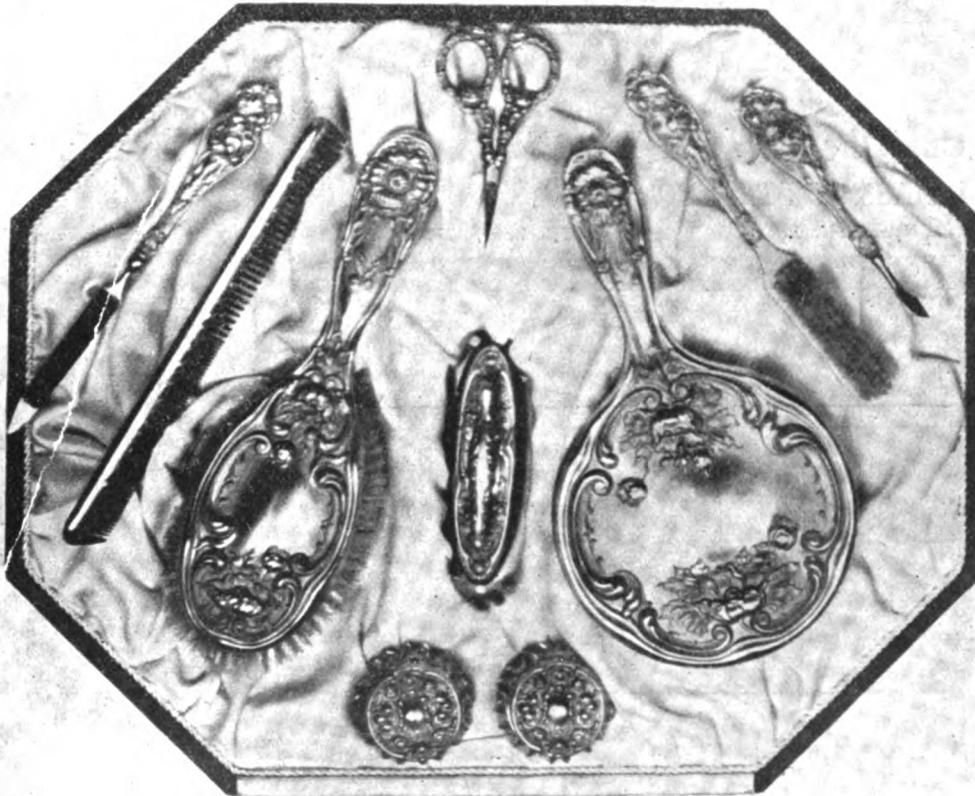
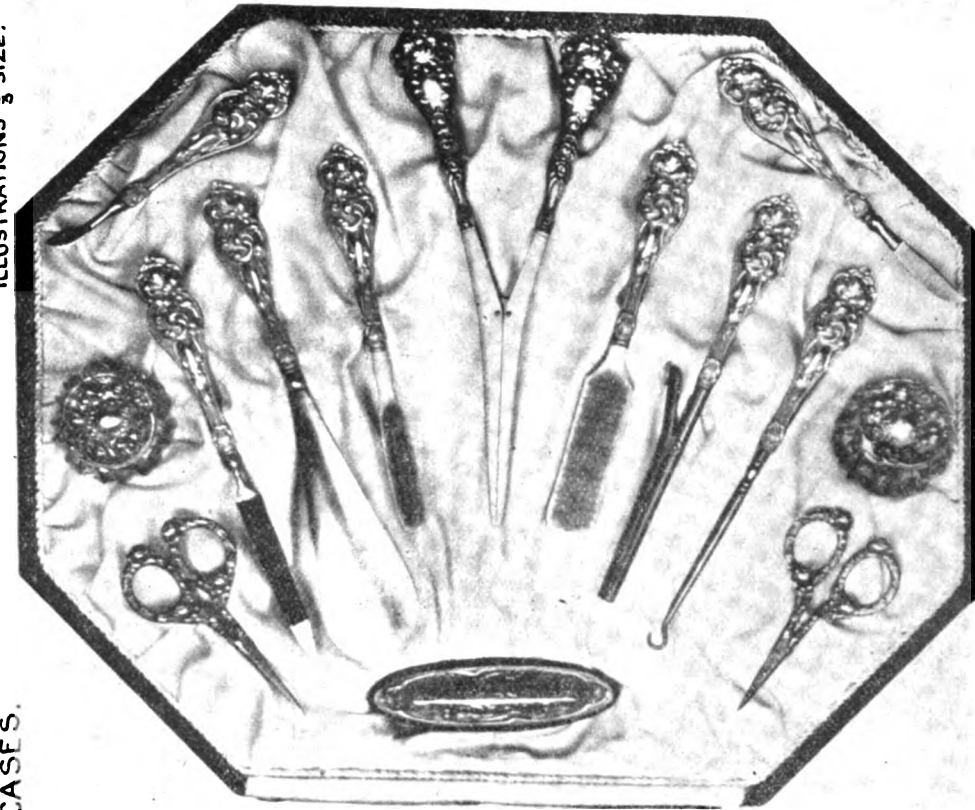
# Don't Miss a Chance

to see the best line of Sterling Silver Toilet, Mani-  
cure, Writing and Shaving Sets. Our own unique  
design cases. The **style, finish** and price of this line will interest you.

will be ready for distribution Sept. 15th.  
For jewelers only.  
**It's a Work of Art; you should have it.**

## Our New 80-page Illustrated Catalogue

**STERLING SILVER MANICURE & TOILET SETS.**  
FRENCH GREY FINISH, HEAVY FIRST CLASS FITTINGS  
IN GREEN MOREEN SATIN LINED, OR WHITE LEATHERETTE  
CASES.  
ILLUSTRATIONS  $\frac{1}{3}$  SIZE.



T69/14 14 PIECE MANICURE SET FRENCH GREY STERLING SILVER ARTICLES, IN GREEN  
MOREEN SATIN LINED CASE \$19.00 SET. WHITE LEATHERETTE CASE \$10.00. CONTAINS  
NAIL POLISHER, FILE, HORN, CUTICLE KNIFE, TOOTH & NAIL BRUSH, CURLER, HOOK,  
CORN KNIFE, 2 CUT GLASS SALVE JARS, TWO SCISSORS.

T110/10 10 PIECE TOILET & MANICURE SET, FRENCH GREY STERLING SILVER HAIR  
BRUSH, MIRROR, COMB, SCISSORS, NAIL FILE, CUTICLE KNIFE, NAIL BRUSH, NAIL POLISHER.  
2 CUT GLASS SALVE JARS. IN GREEN MOREEN SATIN LINED CASE \$30.00 SET  
WHITE LEATHERETTE CASE \$25.00

Prices subject to trade discount. A sample page from our New Catalogue. We want your Holiday business. Place  
your orders early.

**M. J. AVERBECK, Manufacturer,**  
Nineteen Maiden Lane, NEW YORK.

You are cordially invited to call at our sample rooms. If you cannot visit New York, drop us a  
card and one of our salesmen will visit you.



## Not Magic but Actual Fact



No sleight-of-hand necessary to make money out of Keller Jewelry Mfg. Co.'s goods. The superb designs and clever workmanship are patent to every prospective purchaser. The dealer doesn't have to guarantee the quality with mental reservations and if he does add a little extra profit on goods of this brand, they're worth it.

So, you see, the handling and selling of Keller Fine Gold Jewelry is "neither the doing of penance nor the committing of crime."

Brooches, Cuff-Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, etc.

The new line of Rose Colored goods is replete with sparkling specimens of 20th Century jewelry. Selection packages to responsible parties where our representatives cannot call.

**The Keller Jewelry Mfg. Co.,**  
64 NASSAU ST., NEW YORK.

Factory, 359 Mulberry St., Newark, N. J.

Telephone, 3270 John

## Diamond Mounting.

We are prepared to execute special order work  
in Diamond Mounting of the highest grade.

PLATINUM FRONT WORK.

**L. T. GRANT & CO.,**

Represented by  
PHIL. O. STUTZMAN.

17 Maiden Lane, New York.

### Death of Wm. R. Mackay.

MERIDEN, Conn., Aug. 27.—William R. Mackay, who for many years has been identified with the silver plated ware trade, died suddenly at 4 A. M. yesterday at the residence of his sister-in-law, Mrs. E. Z. Dow, 494 Winthrop Ave., New Haven. Mr. Mackay's health had not been good for some time, but his condition was not believed to be serious.

The deceased was born near Troy, Pa., 63 years ago, and when a boy moved to New York, where he was educated. Later he went to Dorchester, Mass., and while still a young man obtained work in the factory of the Meriden Britannia Co., with which he continued until the breaking out of the Civil War. He then enlisted in the Connecticut Volunteers and served with them until they were mustered out. Then went back to work with the Meriden Britannia Co.

A short time later he started in the britannia business in Philadelphia, but wound this up and returned to Meriden, where he became stockholder of Parker, Casper & Co.

Mr. Mackay was one of the organizers of the Amercian Silver Plate Co., in which he held the position of assistant treasurer and superintendent for over 30 years. When this company was absorbed by the International Silver Co., he became connected with the latter concern, remaining until ill health forced him to retire.

Mr. Mackay was a prominent Mason, a member of the G. A. R., and one of the charter members of the Meriden Home Club. He had served on the Common Council and had held the offices of Fire Commissioner and Police Commissioner. He is survived by a widow and two sons.

### Death of Jas. F. McKean.

ALAMEDA, Cal., Aug. 27.—Jas. Fisher McKean, for many years a jeweler on Park St., died Saturday afternoon at his home, 1216 Versailles Ave.

The deceased was a native of Ireland and came to California in 1854. He spent some years in mining and later became employed by a jeweler in Yuba County, and in 1876 moved to Alameda, where he opened a jewelry store for himself. He continued in business until a few months ago, when ill health caused him to retire.

The deceased is survived by a widow, four daughters and three sons.

### Pleads Guilty to Swindling Wilkes Barre Jeweler with Worthless Check.

WILKES BARRE, Pa., Sept. 1.—At a hearing last week J. S. Simpson, the slick western swindler, who attempted to pass a worthless check for \$5 upon J. P. Ernst, 26 Public Sq., June 9, in payment of three gold watches, pleaded guilty, and was remanded to jail for court in default of \$500 bail.

The prisoner will no doubt have several other charges of swindling to face by that time, having victimized a number of local merchants on a G. A. R. collecting scheme. Simpson is a clever looking fellow and a polished talker. He is also said to be wanted by the Oshkosh, Wis., police.

A. T. Wold is about to engage in the jewelry business in Langdon, N. D.



# UNTERMAYER-ROBBINS Co.

*To the Jobbing Trade:*

In addition to our extensive line of Set and Signet Rings, we are now showing a large and varied line of entirely new

**High Grade and Popular Priced Small Brilliant and Rose Diamond Combination Rings.**

We solicit comparison with other lines before placing your Fall orders.

**UNTERMAYER-ROBBINS CO.,**

FACTORY,  
30 & 32 PLATT STREET. N. Y.

192 BROADWAY, NEW YORK.



**Sit down and think it over—**

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

**THE BASSETT JEWELRY CO.,**

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
87 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
1116 Lumber Exchange.





# 20<sup>TH</sup> CENTURY DIAMONDS

Made in perfect proportions, are sold by us, and all of our customers are fully protected by us in every particular, both as to price and quality, and we sell only the genuine article in the latest improved cutting . . . .

*We sell the 20TH CENTURY cheaper than any other house, QUALITY and CUTTING CONSIDERED.* . . . .

We also continue to cut a full line of Brilliant Cut Diamonds in all grades and sizes. . . .

## Chas. F. Wood & Co.

Importers and  
Cutters of Diamonds,

1 MAIDEN LANE, NEW YORK.

### New York Jewelry Peddler, Charged With Larceny, Arrested in Montreal.

Louis Cohen, a jewelry peddler living at 440 E. 86th St., New York, was arrested in Montreal, Wednesday, on a charge of having absconded with \$10,000 worth of diamond jewelry which he had secured from small jobbing merchants on the east side of New York about August 11.

Cohen has been well known on the lower East Side as a peddler of jewelry, and at one time had a store in Broome St. He frequently got goods on memorandum, and on the date mentioned, he went to various concerns in the neighborhood, among them Max Barish, 81 Eldridge St.; Henry Lewkowitz, 106 Eldridge St.; J. Schulman, 34 Eldridge St.; R. Schwartz, 89 Norfolk St., and J. Robinson, 158 Bowery, from whom he secured the jewelry, representing that he had a customer for a very large order.

The suspicions of Mr. Robinson were aroused when Cohen made no report on the goods by the following night. He accordingly, in conjunction with the police, had a watch set upon Cohen's wife, and Aug. 25 a letter from Cohen was intercepted bearing the postmark of Montreal, in which city Cohen was located.

Detective Sergeant Rosenberg, of the New York Central Office, was detailed on the case and succeeded in arresting Cohen in Montreal and in securing about one-half of the stolen booty.

### Receiver Appointed in Bankruptcy Proceedings Against C. D. Ruggles.

BUFFALO, N. Y., Aug. 27.—The proceedings in the matter of Cornelius D. Ruggles, a jeweler of 331 Main St., against whom an involuntary petition in bankruptcy was filed last week, as told in the last issue of THE CIRCULAR—WEEKLY, have been stayed by an order obtained by Mr. Ruggles's attorney from Judge Hazel, of the United States Court.

Maurice Greenberg was appointed receiver for the stock shortly after the petition in bankruptcy was filed, and has given a bond of \$3,000. At the time a levy had been made, and the stock had been advertised for sale at public auction. The motion to continue this stay of proceedings was on the calendar yesterday. It is asked that all action by the receiver be stayed until Mr. Ruggles is finally adjudicated a bankrupt or the proceedings against him are dismissed.

### Absconding Jeweler Sent Customers Pawn Tickets for Jewelry He Pledged.

WATERVILLE, Ohio, Aug. 28.—A number of citizens of this town became aware today that they were the victims of a man calling himself Henry Hardefeldt, who opened a jewelry store here about three weeks ago.

Hardefeldt's business apparently prospered for about two weeks, when suddenly he disappeared. Although his store was closed no uneasiness was felt until it was discovered that he took with him all the watches and jewelry left to be repaired.

One of his customers has just received a letter from Hardefeldt in which the latter enclosed pawn tickets for his customers property, which, it appears, he had pledged for various amounts from \$1 to \$17.



# Warning to the Trade

I hereby beg to notify the Diamond Cutters and Dealers of the United States that I am the Owner, in both United States and Foreign Countries, of the Patent covering the Twentieth Century Cut Diamonds, now manufactured and sold by Neresheimer & Co., and by Jac. Kryn and Wauters Bros.—that all people exclusive of the two firms above mentioned who manufacture Twentieth Century Cut Diamonds, or imitations thereof calculated to deceive the Public, will be infringing my Patent Rights and I will prosecute them to the full extent of the law.

The law holds that a dealer who handles an infringing article is equally as responsible, and is as much of an infringer, as the manufacturer from whom he purchases.

Therefore, I shall hold the Dealers as well as the Manufacturers responsible for any infringement of my rights.



BOTTOM.



SIDE.



TOP.

**David C. Townsend.**

NEW YORK,  
AUG. 10, 1902.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

**ALFRED H. SMITH & CO.,**

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**WM S. HEDGES & CO.,**  
IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**  
**DIAMOND JEWELRY.**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **New York.**  
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**Diamonds, Pearls**  
AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**  
IMPORTERS AND CUTTERS, 1 MAIDEN LANE, NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS** AND OTHER  
FINE PEARLS A SPECIALTY.  
**68 Nassau St., cor. John St.,** Sheldon Building, Room 16 **NEW YORK.**

CHARLES L. POWER.

ROST. B. ALLAN

**CHARLES L. POWER & CO.,**  
CUTTERS AND IMPORTERS OF  
**Diamonds, Rubies, Pearls, Emeralds, Sapphires,**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **2 Maiden Lane,**  
**NEW YORK.**

**SMITH & NORTH,**  
IMPORTERS OF  
**DIAMONDS.**  
DEALERS IN  
AMERICAN WATCHES AND FINE JEWELRY.  
14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**  
**14 MAIDEN LANE, NEW YORK.**  
**LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.**

#### Stringent Regulations for Reimportation of Jewelry by Tourists.

WASHINGTON, D. C., Aug. 29.—The Collector of Customs at New York has called the attention of the Treasury Department to the fact that certain individuals are seeking to have the rule issued by the Department on August 7 last, relative to exemptions under the \$100 clause of the Tariff Act, applied to merchandise. This fact has prompted Secretary Shaw to explain that this was not the intention of the rule in question. The object of the ruling is to relieve tourists from the second payment of duty on wearing apparel, jewelry and other personal and household effects appropriate to their journey, and it will not be extended to merchandise. In a letter to the Collector, Secretary Shaw says:

"The Department recognizes the possible danger of this ruling being used to defraud the revenues of the country unless carefully safeguarded. To this end, valuable jewelry should be examined and identified by an expert appraiser and carefully packed and sealed with appropriate identification marks, the same to be opened by a foreign representative of the government, thus protecting against substitution. In cases of doubt as to identification, duty should be exacted and the matter adjusted on appeal.

"Each particular case must be determined upon its merits in the exercise of a wise discretion on the part of the local customs officers. It is the intention of the department to grant the traveling public every reasonable facility for their enjoyment abroad and their convenient return; but while this is being done, the extreme penalties of the law should be visited upon those who seek to take advantage of its relaxed rules for purposes of smuggling."

#### Two Alleged Jewelers Suspected of Smuggling at Manila, P. I.

SAN FRANCISCO, Cal., July 29.—Word has been received here that two men giving the names of Cherry and Jacobs are under surveillance of the United States customs authorities at Manila, and will, it is understood, soon be taken in charge on the charge of smuggling.

The men in question arrived on the steamer *Zafro* in the latter part of June. They claimed to be jewelers and declared to the customs authorities an amount of stock valued at \$2,000. This was left in charge of the customs authorities while the new arrivals made themselves at home in Manila.

It was soon discovered that the men were disposing of a large amount of jewelry without touching their declared importations. It is claimed that within the first 10 or 15 days after their arrival they disposed of several thousand dollars worth of articles.

G. A. Schlechter, Reading, Pa., has received the contract to make the gold jewels for the past High Priests of Pottstown Chapter, Royal Arch Masons. He has also just completed four handsome gold oratorical medals for the State Camp P. O. S. of A., to be awarded at the Williamsport Convention.



**Providence.**

A new firm of die sinkers and hub cutters, Gyllenberg & Hultman, have located at 12 Melrose St.

The local union of jewelry workers took an active part in the demonstration made Labor Day by the various trade organizations.

It is expected that about Sept. 1 Workman & Newman will remove from 195 Eddy St. to more commodious quarters at 53 Clifford St.

On Aug. 23, Herbert R. Lowe returned from a European trip, on which he visited various points of interest on the Continent and the British Isles.

Although the removal does not take it but a short distance from its former location, the Jeanette Jewelry Co. is now to be found at 107 Friendship St.

The Gorham Mfg. Co., one day last week, sent one of the tablets to be used on the Gen. Slocum monument, to New York. The statue was completed and shipped some little time since.

The E. A. Fargo Co., Thursday, filed articles of incorporation at the office of the Secretary of State. The corporation is to be located in Attleboro, and will engage in the manufacture of jewelry. According to the articles, the amount of the capital stock is \$30,000, and the incorporators are Edwin A. Fargo, Nathaniel W. Lunt and Edward P. Jostram.

Articles of incorporation of the Stillman Bros. Co., Providence, have been filed at the office of the Secretary of State. The corporation has been organized for the purpose of manufacturing machinery of all kinds. The amount of the capital stock is \$10,000, and the incorporators are George Edward Stillman, Albert B. Stillman and Robert K. Willoughby. Albert B. Stillman is President.

Despondent because of his inability to procure work, William Crook, a jeweler who had been employed in various shops around the city, cut his throat at his boarding place in Coleridge Court, one day last week. He lingered for several days at the Rhode Island Hospital, to which he was taken, but finally died. Crook was 49 years of age, and was born in Birmingham, England, where he leaves a brother and sister. He was unmarried.

John H. Tuttle, of Tuttle & Stark, had a narrow escape from a visit by burglars at his residence, 269 Washington Ave., one day last week. About 1 P. M. a neighbor saw a negro, who acted in a suspicious manner, hovering about the Tuttle residence. The colored man was seen to break a window just above the catch, the police say, but discovering that he was being watched, the negro suddenly desisted from his attempt and disappeared before the officers, who had been summoned, arrived.

Newfoundland has attractions as a place in which to enjoy a Summer's outing for

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

**MOUNT & WOODHULL,**

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS,

IMPORTERS OF

**DIAMONDS,** ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦**OTHER PRECIOUS STONES,****PEARLS, ETC.** ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

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**FINE  
DIAMOND  
JEWELRY.****26 Maiden Lane**

(Southwest Corner Nassau Street),

**NEW YORK.****SCHULZ & RUDOLPH,**

IMPORTERS OF

**Diamonds and other Precious Stones.**

SOLE AGENTS FOR

**JULES JÜRGENSEN WATCHES.****28 John Street and 65 Nassau Street, - New York.****GEO. O. STREET & SONS,**

Established 1837.

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**'SIGNET RINGS,**

Complete line now ready.

Chicago Office:  
103 STATE STREET.New York:  
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JOBBER'S OF**DIAMONDS  
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JEWELRY**9-11-13 MAIDEN LANE  
NEW YORK.100 STATE STREET,  
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## PEARLS.

236 Westminster St., Providence, R. I.  
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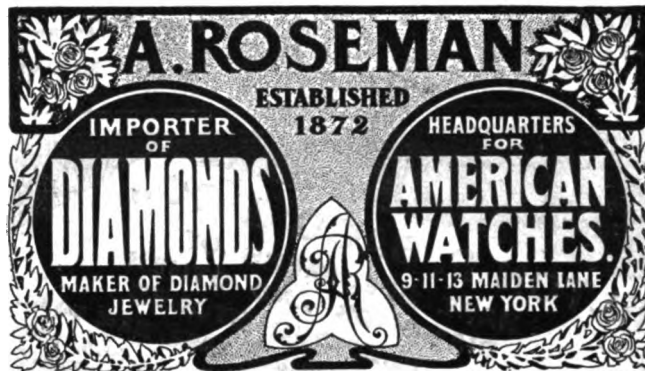
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**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.



**A. R. KATZ & CO., 87 Nassau St., New York.**

IMPORTERS OF **Diamonds.** MAKERS OF FINE **DIAMOND JEWELRY.**

HEADQUARTERS FOR **DIAMOND INITIALS and MONOGRAMS**

SEND FOR SELECTION. IN 18K. GOLD AND PLATINUM FOR RIBBON VESTS.

William Loeb, and he is at present spending a pleasant time there, enjoying a relief from business cares.

The withdrawal of Tyler, Dean & Co. from the list of firms engaged in the manufacture of jewelry was among the announcements of interest to the members of the trade last week. The firm had not long been in business.

Shortly after midnight, Thursday, an alarm of fire called the apparatus to the Brown & Sharpe works on Holden St. The alarm was sent in from the private box of the firm by the night watchman, who found a pile of rubbish in the hardening room ablaze. The inflammable nature of the rubbish made the blaze quite an active one for a few minutes, but it was finally extinguished with but slight damage.

### Attleboro.

Nathan F. Swift, with G. K. Webster, has gone west. His family returned last week from a Summer on Cape Cod.

The families of Maxy W. Potter, of J. M. Fisher & Co., and J. William Simmons, of the same firm, are at Falmouth, Mass.

Joseph L. Sweet, of the R. F. Simmons Co., and Louis J. Lamb, of C. H. Allen & Co., will return this week from a three months' pleasure tour in Europe.

C. H. Allen & Co. commenced last week their removal from the two sections of the Robinson plant on Railroad St., to the new Makepeace building on Pine St.

Ernest J. Qvarnstrom, of Carter, Qvarnstrom & Remington, is one of the three contestants in the golf finals of the Attleboro Country Club's annual handicap tournament.

Charles M. Robbins, of the Chas. M. Robbins Co., who has been actively engaged in a contest for the office of Congressman for the 14th Massachusetts district, announced in an open letter last week

## Oppenheimer Bros. & Veith,

*Cutters and Importers of Diamonds,  
Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NEWYORK STS., BROOKLYN.



his withdrawal from the fight. He believes the contest, which has been triangular thus far, is fast becoming all one way, and that not his way. He will be a conspicuous figure in the campaign for town office in Attleboro next Spring, his friends assert.

#### North Attleboro.

James P. Black has been at Matunuck. H. H. Curtis has been resting at Matunuck.

F. H. Cutler has moved his family from the west.

A. B. Chase, salesman for F. S. Gilbert & Co., is now in the middle west.

C. H. Clark will soon leave for the west in the interests of W. G. Clark & Co.

Charles O. Mason, of the Mason Box Co., has been resting at Plum Beach, R. I.

F. S. Gilbert has returned from Fal-mouth, where he spent part of the Summer.

Dr. E. E. Hale, of the O. M. Draper Estate, has resumed his duties, after a vacation at Cottage City.

H. W. Tufts, proprietor of the Snap and Tool Co., has changed the name of the concern to The H. W. Tufts Tool Co.

#### Plainville.

A. W. Burton is erecting a new house, which will be one of the handsomest in town.

J. D. Lincoln, of the old firm of Lincoln, Bacon & Co., has erected a new store in town.

Meeting of the Creditors of David W. Davis Called for Sept. 11.

GRAND RAPIDS, Aug. 30.—The first meeting of the creditors of David W. Davis, who was adjudged a bankrupt on Aug. 19, as published in THE CIRCULAR-WEEKLY last week, will be held here on Sept. 11, at 10 A. M., in the office of Alfred H. Hunt.

At this meeting creditors will be given an opportunity to examine the bankrupt and prove their claims, and a trustee will be appointed.

## EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

65 NASSAU STREET

(Prescott Building),

NEW YORK.

"The  
Pearl  
House."

## EISENMANN BROS.,

IMPORTERS OF

## FINE ORIENTAL PEARLS,

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 & 23 MAIDEN LANE, N. Y.

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PRECIOUS  
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STONES.

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JEWELERS' COURT,  
51 MAIDEN LANE,  
NEW YORK.

Telephone 219 JOHN.

We are most favorably situated for  
OPALS, PEARLS, DOUBLETS, GARNETS.

PARIS,  
5 CITÉ TREVISE.  
IDAR,  
14 HAUPTSTRASSE.

*EVERY REPAIRER should have on his bench*

## "The Jewelry Repairer's Handbook,"

Just issued. Price 75 cents.

THE JEWELERS' CIRCULAR PUBLISHING Co.,

11 John Street, New York.

A special feature of our business is filling special calls for Important and Rare Gems in Pearls, Diamonds and Colored Stones. We carry the largest Assortment of Loose Pearls in the trade and in addition a complete assortment of

## Pearl Necklaces, Collarettes, Ropes, Earrings and Studs.

Our Diamond stock is always kept up complete in all qualities and sizes.

**American Pearls and Baroquos.**

Dealers ordering of us are put to no expense for insurance or expressage.

## JOSEPH FRANKEL'S SONS,

19-20 Holborn Viaduct, London.

TELEPHONE, 2733 JOHN.

66 Nassau Street, New York.



**Boston.**

R. W. P. Brown, of Nelson H. Brown, has returned from a three weeks' vacation at Cape May, N. J.

Reginald C. Robbins, of Robbins, Appleton & Co., has gone to Canada on a 10 days' vacation trip.

Charles B. Houghton, with D. C. Percival & Co., is enjoying his vacation at Boothbay Harbor, Me.

David C. Percival, Jr., of the firm of D. C. Percival & Co., is cruising along the Maine coast on his yacht *Rondina*.

The *Sally VI.*, D. C. Percival's yacht, won a race at Provincetown, Thursday, after having her bowsprit carried away.

H. B. Burnham, vice-president and manager of the Ripley Howland Mfg. Co., started Saturday on his annual vacation.

Frank W. B. Pratt, of the firm of Daniel Pratt's Son, enjoyed Labor Day with a trip to Portsmouth, N. H., and Portland, Me.

W. H. Carlough, representing Glaenger, Frères & Rheinboldt, was in Boston, last week, on his semi-annual trip to the local trade.

George E. Frye, watchmaker for Guy O. Vickery, Augusta, Me., was in Boston, last week, calling on his friends in the local trade.

Boston friends of Homer W. Abbott, son of Solon Abbott, of Winchendon, Mass., have been notified of his marriage to Miss Ellen D. Foss, of Barton, Vt., Aug. 27.

Blodgett Brothers & Co., 141 Franklin St., recently installed a handsome electric clock in front of the Copley Square store

of T. Metcalf Co. This is the first street clock in this square.

E. A. Bigelow, treasurer of the E. Howard Clock Co., has been out of town on a western business trip for the last week, visiting Chicago.

A letter received here Friday stated that E. F. Robinson, of Ellsworth, Me., was at Hot Springs, Va., for his health. The news of his illness was heard with regret.

George F. Garland, after a year and a half as manager for E. A. Cowan & Co., started out on the road again, Sept. 1. He will travel through Maine and New Hampshire during his initial trip.

Willard M. Worcester, 44 years old, of 127 St. Botolph St., Back Bay district, was arrested last week by men attached to Chief Watts's office, for the alleged concealing of a diamond ring valued at \$150, bought under a conditional contract from Frederick R. Cutter, 326 Broadway, Somerville.

E. W. Byram, local representative of the American Clock Co., severed his connection with that company Sept. 1. Mr. Byram has not announced his plans for the future. He is well-known to the local trade, having been with the E. Howard Clock Co. for 15 years previous to his last engagement.

Three jewelers are installed in the new Jefferson Arcade, opened to the public last week. The building extends through from 558 Washington St. to Harrison Ave., and is the first business establishment of the kind in Boston. The three jewelers who are located there are E. H. Miller, who

also has a store at 102 Court St., the Arcade branch being in charge of A. F. Adams; W. B. Knapp, dealer in precious stones, and until recently at 383 Washington St., and A. H. Beal, who has charge of the jewelry department in the store of Houghton & Dutton.

Out-of-town buyers in Boston, last week, included A. R. Campbell, Morrisville, Vt.; C. E. Powers, Westfield, Vt.; G. A. Collins, Salem, Mass.; S. K. Gurney, of Gurney Brothers, Brockton, Mass.; E. A. Hewitt, Bridgewater, Mass.; J. F. Burgess, Camden, Me.; William Block, Lowell, Mass.; H. L. Grant, York Village, Me.; H. E. Harris, Lowell, Mass.; F. R. Hayden, Worcester, Mass.; J. F. Safford, of Rochester and Farmington, N. H.; Mr. Brigham, Brigham & Eager, Marlboro, Mass.; John A. Williams, Canton, Mass.; W. F. Newhall, Lynn, Mass.; J. H. McGovern, Haverhill, Mass.

**Philadelphia.**

V. B. Lehman has reopened a store at 1226 Walnut St.

James Kern, Wilmington, is spending a vacation at Atlantic City.

L. Spoerhase, Sr., 4078 Lancaster Ave., has gone to Saratoga on a pleasure trip.

George Weber, a prominent Lancaster jeweler, is spending two weeks at Atlantic City.

Ed. Sickles, M. Sickles & Sons, was the guest, last week, of John F. Betz on the latter's yacht.

Harry Michael has accepted a position in the silverware department of J. E. Caldwell & Co.

Wm. Bovard, of M. M. Bovard & Son, Manayunk, is spending the Summer at Rehoboth, N. J.

Louis Beconne, watchmaker for V. B. Lehman, has returned from a pleasure trip to Atlantic City.

Wm. Kammerer, with J. Warner Hutchins, is reported to be critically ill from blood poisoning.

The jewelry and repair business of L. C. Gropengiesser has been removed from 1228 Walnut St. to 1228 Sansom St.

Miss Ruth Sickles, daughter of Ed. Sickles, of M. Sickles & Sons, was awarded the first prize at the annual floral chair parade, on the Boardwalk, Atlantic City.

Charles H. Hamer has succeeded to the business of his father, John R. Hamer, at 2323 Frankford Ave. Mr. Hamer, senior, who had been in business for 23 years, retired Aug. 25.

James Bathgate, manager of Strawbridge & Clothier's jewelry department, has been awarded the contract for the silver and plated ware, clocks, bronzes, etc., for the new St. James apartment house, recently completed.

H. Donath, for 10 years in the material department of M. Sickles & Sons, and who has conducted a retail store at 1422 Germantown Ave., will remove Thursday to 2446 Kensington Ave., where he has equipped a handsome jewelry store, and intends to concentrate his business.

Gimbel Bros.' jewelry department will be removed to new quarters in addition to the building at the southwest corner of 8th

# Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

## HAYDEN W. WHEELER & Co.,

**TWO MAIDEN LANE, N. Y.**

Telephone, 8 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



and Market Sts. The department is to be greatly extended, and additional salesmen are to be employed.

John R. Hamer, 2321 Frankford Ave., has purchased for \$6,000 the property where his business is located.

Mr. Rosenberger, formerly with H. Muhr's Sons, has accepted a position with L. P. White, as traveling salesman.

S. M. Jacobson, jeweler, 304 N. 8th St., is reported to be building for himself a suburban residence at East Lansdown.

Thomas Maddock, of Simon Bros. & Co., has returned from Cape May and started on his annual trip through the south and southwest.

The will of John Marlor, jeweler, who died last February, at his home, 4173 Frankford Ave., was probated last week. The estate is valued at \$5,500.

The Jewelers' Club has sent out notices to its members of the appointment of a special committee to stir up interest in the movement to beautify the club rooms.

J. E. Caldwell & Co. have made the prize presented by Harris Chilton to the Mercantile Library Chess Association, and to be competed for in the Fall tournament. It is exhibited in the firm's show window and attracts considerable attention.

Bailey, Banks & Biddle Co., who, it was rumored some weeks ago, intended in the near future to remove their business from the southeast corner of 12th and Chestnut Sts., are now known to have obtained possession of the lease of 1218-20-22 Chestnut St. Whether or not it is their intention to remove their business to this location, cannot yet be determined.

The committee representing the creditors of Marks Bros.' department store at 8th and Arch Sts., which has been investigating the firm's affairs, has recommended that either one of the offers of settlement be accepted. Marks Bros. offer to settle on a basis of 50 per cent. in preferred stock of a proposed stock company, or 33½ per cent. in cash for claims. The available assets are said to be \$600,000, of which \$500,000 represents merchandise and \$100,000 outstanding accounts.

#### Canada Notes.

Wm. K. George, manager of the Standard Silver Co., Toronto, and a prominent member of the Canadian Manufacturers' Association, is quoted as having recently discussed at length the merits of Canadian manufactures, in which discussion he is credited with extolling the superiority of the home products.

The will of the late John Skinner, Hamilton, Ont., has been entered for probate by the executors, Thomas S. Morris, S. F. Lazier, and Miss Mary Ann Skinner, sister of the deceased, executrix. The estate is valued at \$7,576, of which \$4,500 is realty. A granite monument, which will cost \$400, will be erected over the deceased's grave.

N. H. Little's jewelry store, Crystal City, Man., was one of three stores recently entered by burglars, who secured a great deal of plunder. It is reported that Little's store lost valuables worth \$1,050.

Liebenstein & Co. have moved their jewelry business from Louisiana, Mo., to Clarksville, Mo.

# To Large Diamond Buyers:

## IMPORTANT

OUR recent large purchases of rough and other special facilities, among which are our cutting works, the largest and most completely equipped in this country, enable us to offer Diamonds of our own cutting in original lots to importers and large dealers at prices equal to those of any European Market, thus saving a duty of 10 per cent.

*This announcement means exactly what it says.*

## Stern Bros. & Co.,

68 NASSAU STREET,

CUTTING WORKS:  
138-142 W. 14th Street.

NEW YORK.

CHICAGO,  
149 STATE STREET.

LONDON,  
29 ELY PLACE.



**SCHRADER-WITTSTEIN CO., Mfg. Jewelers.**  
**NEW YORK, SOLE MAKERS AND PATENTEES, CHICAGO,**  
 21-23 Maiden Lane. Est. 1863. 103 State Street.  
 FULLY COVERED BY PATENTS. ILLUSTRATED PRICE LIST ON APPLICATION.



## Comfortably Situated

as you may have been on your vacation, the time is here when you must get back to business and prepare for the Fall Trade. In order to be properly prepared, you need to have in stock some of our well known sellers. Our representative will call on you at an early date.

**HENRY FREUND & BRO.,**

The Jewelry House.

**DIAMONDS, WATCHES AND JEWELRY.**

Elk Goods a Specialty.

9 MAIDEN LANE, N. Y.

**"Leading Ring Makers in America."**

**ALLSOPP BROS.**

**A★ Guarantees Quality and Finish ★A**

**LATEST DESIGNS.**

**60 McWhorter Street, NEWARK, N. J.**

Telephone 3214.

SEND FOR SELECTION.

### Syracuse.

Mr. and Mrs. Eugene B. McClelland have been spending the last three weeks at the Beaver River Club in the Adirondacks.

Mrs. F. S. Rees, Kingston, Ont., is the guest of her son, W. Stanley Rees, 207 E. Fayette St.

Mrs. Willis S. Barnum, sister of H. J. Howe, 201 S. Salina St., died, last week, at Ogdensburg, aged 61 years.

Louis Leiter and his son, Harry N. Leiter, of the firm of Leiter Bros., have returned from a trip to New York.

The Duguid building in East Water St. will be occupied after Sept. 1 by the Butler Optical Co. and the Butler Silver Plate Mfg. Co. The members of the two companies are identical, A. G. Finn, F. A. Butler and John J. Hurley. Machinery is being installed in the building, which is a four-story brick structure, and employment will be given to 50 men in the silver plate department, and fully 15 men will find work in the optical plant. This number will be increased as trade demands. The two lower floors of the building will be used by the silver plate company, the work being done under the supervision of J. J. Hurley, who was for eight years superintendent of the M. S. Benedict Mfg. Co., at East Syracuse. It is the intention of the company to manufacture all kinds of silver and gold plate. The optical plant, which will be in charge of F. A. Butler, will occupy the upper floors of the building, where lenses of all kinds, spectacle frames and cases will be manufactured. The Butler Optical Co. has for three years carried on business in the Monroe Block. It had been decided to remove from Syracuse to some western city, when the attention of the secretary of the Chamber of Commerce was called to the situation, and he interested others, the result being the organization of the Butler Silver Plate Mfg. Co. and the securing of the Duguid building for a factory.

### Newark.

A fire occurred early Wednesday morning in the jewelry factory of Moore & Son, 22 Green St. The blaze was discovered by a colored man who gave the alarm and was extinguished after causing damage estimated at \$200.

Rubie Hand, a 15-year-old girl employed in a jewelry store in this city, while returning to her home, 51 Halsted Ave., Irvington, recently, was accosted by a coarse-looking Italian who grabbed her pocket-book from her hand and ran away.

Major Samuel Klotz, who died August 23, at his residence, 6 State St., was well known to the jewelry trade through his connection with the Riley-Klotz Mfg. Co., makers of metal novelties at 17 Mulberry St. Major Klotz was vice-president of this concern. He was 58 years old and had resided in Newark since 1859.

The jewelry workers of this city held a meeting in Aurora Hall, Friday night, for the purpose of starting the presentation to their employers of a demand for a nine-hour day. The meeting was in charge of Local No. 2, of the International Jewelry Workers' Union, and the time was occupied principally in formulating a demand.





When you buy a watch for your son insist on having it put in a

## Wadsworth Watch Case

When he is as old as you, the watch will be as good as new. Strength, rigidity and finish guaranteed for 25 years. An inferior case rarely lasts over five years. A Wadsworth Case is as good an investment as a Government Bond. Best worth and wear; superior strength and mechanical perfection; resists jar and jolt as does no other watch case. Protects the works absolutely from dust and moisture, lessens the liability to accident and adds years to their life.

Write for free booklet.  
THE WADSWORTH WATCH CASE CO.  
Dayton, Ky.

(Specimen Adv.)

The advertisement on the side is one of a series that is telling people about the Wadsworth Watch Cases, and is appearing in such publications as *Century Magazine*, *Munsey's*, *Delineator*, *Engineer's Journal*, etc., publications that go into the homes of your customers and people whom you would like to have as customers. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in an assortment to meet first calls. There will be a larger demand for Wadsworth Cases than ever before.

THE WADSWORTH WATCH CASE CO.,

Dayton, Kentucky.

WRITE FOR ILLUSTRATED CATALOGUE SHEET OF

# "RICESZINN"

A PURE NON-TARNISHABLE METAL (OF SECRET COMPOSITION),

A LARGE VARIETY OF ARTISTIC STYLES FOR PRACTICAL USE  
AND DINING ROOM DECORATIONS.

ORIGINATED AND MADE SOLELY BY

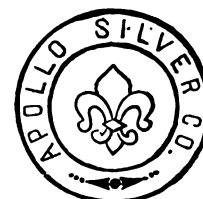
## Bernard Rice's Sons,

MAKERS OF FINE ELECTRO-PLATED HOLLOW-WARE,

542 Broadway,

NEW YORK.

FACTORY, { 4-6 Marion St. }  
                  { 167-169 Elm St. }





"Stuart" Pattern



**1835 R. WALLACE**

*See the two centre pages in this issue  
of the Jewelers' Circular Weekly.*

## THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE 75 CENTS.

Jewelers' Circular Publishing Co..

11 John Street, New York

### Canadian Retail Merchants' Association Fights Discrimination in Assess- ments in Favor of Depart- ment Stores.

TORONTO, Can., Aug. 28.—Charges have been preferred by the Retail Merchants' Association against Robert J. Fleming, Assessment Commissioner, of unduly discriminating in favor of the department stores and other acts showing his unfitness for the position.

A committee of the City Council appointed to investigate the charges met on the 25th inst. E. M. Trowern, secretary of the association, presented the charges, to the effect that Fleming had refused to increase the assessment of the T. Eaton Co. until forced to do so by the appeal taken by the association; that he had over-assessed retail merchants after the appeal was taken against the Eaton Co., increasing their assessments by 40 and 50 per cent. in some cases; that he discriminated against the poor and in favor of wealthy citizens, and that he brought in a falsified report of the working of his department.

The assessment rolls were produced in support of the first charge, and it was shown that the result of the appeal taken by the association had been to increase the Eaton assessment by \$45,126. The committee considered that the charge had not been sustained, as the land held by the company had been rated higher than that occupied by the single-line merchants.

Mr. Trowern promised to bring forward witnesses to prove that the latter had been discriminated against in the assessment of their stocks, and the Assessment Commissioner had required merchants, including Ryrie Bros. and John Wanless & Co., to give a statement of their personalty, and had not called upon the T. Eaton Co. for any such statement. When the statements had been made by the merchants Fleming had refused to accept them as correct, and in some instances increased the figures over 40 per cent.

The hearing was then adjourned.

H. M. Siglock, Keytesville, Mo., has given a chattel mortgage on fixtures for \$240.

The Boston Jewelry Co., incorporated under the laws of Maine, will open a wholesale store on Sept. 1 on the fourth floor of the business building at 167 Tremont St., Boston, Mass. The officers of the company are Addison N. Thayer, president; Charles E. Butterman, vice-president; Walter N. Brewer, treasurer, and Walter H. Baldwin, secretary.

# H. GATTLE,

MAKER OF

## HIGH GRADE DIAMOND JEWELRY.

IMPORTER OF

## DIAMONDS AND PRECIOUS STONES,

DESIGNS AND  
ESTIMATES FURNISHED.

65 Nassau St., Prescott Bldg., New York.

MEMORANDUM  
ORDERS SOLICITED.





Designs  
Patented.

# Butterfly Girl Toilet Set.

EVERY PIECE AN ARTISTIC MODEL VARIED IN DESIGN.

Manicure and Desk Sets to match.

OUR LINE OF HOLLOWWARE IS NOTED FOR ITS  
ORIGINALITY AND EXQUISITE BEAUTY OF DESIGN



## WOODSIDE STERLING CO.,

Factory,  
Newark, N. J.

SILVERSMITHS,  
192 Broadway, N. Y.

Catalogue  
on request.



MANY CUSTOMERS ASK FOR  
**"1847 ROGERS BROS."**  
 SPOONS, FORKS, ETC.

and will take no other, as they always give perfect satisfaction. Goods that are "asked for" sell easier and quicker than others not so well and favorably known to the buying public. There is also much less risk of over stocking. This fall, without doubt, there will be the greatest demand ever known for "1847 ROGERS BROS." flat ware. It would therefore be well for dealers to order early to insure prompt delivery. Leading jobbers and our various branches can supply you.

MERIDEN BRITANNIA COMPANY,  
(INTERNATIONAL SILVER CO., SUCCESSOR)  
 MERIDEN, CONN.  
 AND  
 HAMILTON, ONT.

NEW YORK. CHICAGO.

AVON. COLUMBIA. BERKSHIRE. VESTA

Sold by  
 Leading Jobbers  
 everywhere.

## STERLING NOVELTIES.

Golf Novelties.

Ping-Pong Novelties.

Miniature Cups and Prizes for Tennis, Yachting, Canoeing,  
 and all Summer and year-round Sports.

The largest line—

Always up-to-date—

Prices right.

MERRILL BROS. CO., 31 E. 17th St., New York.

### "Substitution" Thieves Steal \$150 Diamond from Traub Bros. & Co.

DETROIT, Mich., Aug. 30.—About 1 o'clock yesterday afternoon two well dressed strangers entered the jewelry store of Traub Bros. & Co., 205 Woodward Ave., and requested Clerk R. W. Anger to show them a lady's solitaire diamond ring. One of them declared it was for his sister. Anger produced a trayful of diamonds valued at several thousand dollars.

The strangers examined the jewels scrutinizingly, held them at distances from their eyes, conferred with each other, asked questions of the clerk, and finally decided to look around before making the purchase.

Five minutes after the strangers left, Anger noticed that the tray contained a phony ring worth about 12 cents. It had been substituted for a 1½ karat diamond valued at \$150.

Anger hastened over to police headquarters, and Detective Thomas Lally, who was assigned to the case, captured the thieves at a race-track in Windsor, Ont. The diamond, however, was not in their possession. The men gave their names as William Wayne, aged 32, clerk, St. Joseph, Mich., and Ed. Prather, aged 28, clerk, Kansas City. They knew Detective Lally, for they called him by name when arrested. In the pocket of Prather was found a small silk cap, which, it is supposed, a thief could don after throwing away a hat, while being chased.

Lieut. Lally says that two men tried to play the same game at the store of F. Rolshoven & Co., 166 Woodward Ave., but were watched too closely and failed. The substitution trick has recently become popular at Buffalo and other cities. The police believe they have now made an important capture.

### Valuable Concession for Pearl Fishing Granted by Mexican Government.

CITY OF MEXICO, Mex., Aug. 27.—R. Obregon, of La Paz, Lower California, has been in this city for the past several days on business in connection with the concession which he recently obtained from the Mexican government for operating pearl fisheries on the coast of Lower California. Mr. Obregon is organizing a company which will have a capital stock of several hundred thousand dollars to engage in this industry on an extensive scale.

The concession which Mr. Obregon has obtained from the government is the most liberal ever granted for that purpose. He is given the exclusive right to engage in the pearl fishery business in every bay, inlet and island on the coast of the peninsula of Lower California, from the point of Cape San Lucas to the city of Tia Juana, located on the border of the United States. Mr. Obregon has just located a pearl bed 10 miles in extent at the Punta de Santa Cristoval. He brought with him to this city a number of pearls of great value.

The Mangara Co. is the only other concern operating in the pearl fishery business in that section of the Mexican coast, and its concession is not nearly as extensive as that granted Mr. Obregon.

Willson & Co., manufacturing jewelers, Chicago, Ill., have started a branch house in Aurora.



**WORLD BRAND**

THE AMERICAN SILVER CO.

**SILVERWARE OF QUALITY BY GIFTED ARTISANS.**

"WORLD BRAND" Silverware is appreciated by lovers of BEAUTIFUL SILVERWARE because of its exquisite designs and finish, and by the purchaser because of its superior quality and splendid wear. ALL FLATWARE bearing the "WORLD BRAND" trademark is guaranteed to be of the highest grade GERMAN SILVER BASE and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

THE AMERICAN SILVER CO.

1857  
TRADE MARK  
"WORLD BRAND"  
THE AMERICAN SILVER CO.

1857  
TRADE MARK  
"WORLD BRAND"  
THE AMERICAN SILVER CO.

THE AMERICAN SILVER CO.  
FACTORY  
BRISTOL CONN.

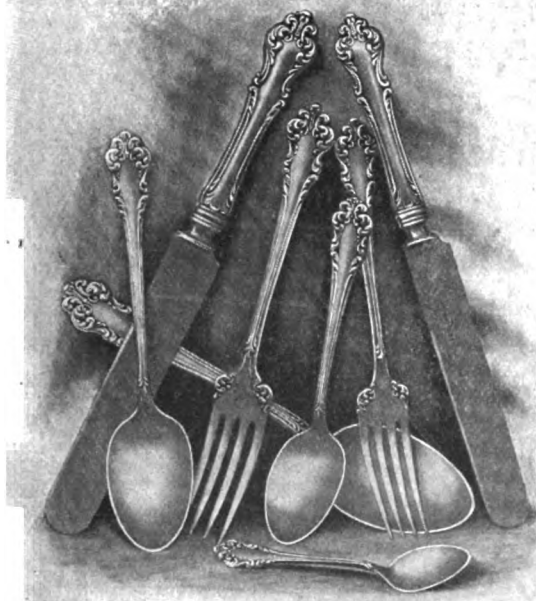
## "ONEIDA COMMUNITY QUALITY."

FOUNDED IN 1848.

**J**EWELERS who carry the new "Oneida Community Quality" Spoons, Forks and Knives will have goods which are warranted to wear for a lifetime, and will be able to sell at lower prices than such quality has ever retailed for before. They will find their own profit carefully and liberally provided for, and reap the benefit of an extensive advertising campaign which we have just begun. Write for Catalogue and free Illustrated Booklet "About Oneida Community."

Address,

ONEIDA COMMUNITY,  
NIAGARA FALLS, N. Y.



"ONEIDA COMMUNITY QUALITY."

"MORE THAN TRIPLE PLATE."



**New Stores and Enterprises.**

(*New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes."*)

Theo. Dilger has opened a jewelry store at Salem, W. Va.

John Lowe, Sechlerville, Wis., has opened a jewelry repair shop in Alma Center, Wis.

W. Sampson, Columbus, O., has opened a watchmaker's and jeweler's shop in Clinton, Wis.

B. B. Gragg, formerly of the Terry Jewelry Co., has opened a jewelry store at Brook, Ind.

O. C. Glager has arranged to open a store in the Manufacturers' Hotel building, Moline, Ill.

Louis Commlossy, for 16 years with Wm. Walcott, Toledo, O., started in business for himself at 609 Madison St., Toledo, O., Sept. 1.

It is reported that Miss Ray Bowman

and F. C. Hamilton contemplate opening a jewelry store in the quarters soon to be vacated by Ferguson & Craig, Champaign, Ill.

E. H. Keller and O. M. Lowrie have opened a jewelry establishment at 8 East Orange St., Lancaster, Pa. Until recently they were employed by S. Kurtz Zook, of that city.

**Jewelers' Gold Bars Withdrawn and Exchanged.**

*Week Ended Aug. 30, 1902.*

The U. S. Assay Office report:  
Gold bars exchanged for gold coin....\$281,684.57  
Gold bars paid depositors.....150,796.28

Total .....	382,480.85
Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:	
Aug. 25.....	\$41,101.48
" 26.....	25,495.04
" 27.....	85,702.69
" 28.....	57,212.61
" 29.....	72,372.80
" 30 (Holiday) .....	
Total .....	\$281,684.57

**Watch Thief Caught After Robbing Ann Arbor, Mich., Jewelers.**

DETROIT, Mich., Aug. 30.—A stranger obtained a gold watch from the store of Jas. L. Chapman at Ann Arbor, Thursday, by a sleight-of-hand trick, and sold it to Nate Hornung, the latter advancing two dollars on it.

Upon reading of the jeweler's loss, Hornung took the watch to the owner, where it was identified.

A man giving his name as George Miller, of New York, was arrested while trying to play the same trick at Geo. Haller's jewelry store, and was identified by Hornung. Miller later confessed his guilt and was bound over to the Circuit Court. It is believed that he is a professional.

Where a tenant knowing that a roof was in a leaky condition before his goods were injured by water left them in the building, he took the risk of such injury upon himself and cannot recover of his landlord for same. (74 N. Y. S. Rep. 924.)

# SIMMONS

WE have convinced more than twelve thousand jewelers that selling Simmons Chains is a profitable proposition. If it pays to handle them at all, it must surely pay still better to *push* them. So carry them--carry a full assortment of patterns--and push them, if you want your full share of the profit they are bringing jewelers everywhere.

## Watch

## Chains

**NEW YORK**  
9 MAIDEN LANE

**R F SIMMONS CO Attleboro Mass**

**CHICAGO**  
126 STATE ST.



# THE "LILY"

COPYRIGHTED.



**WHITING M'F'G Co.**

**Silversmiths,**


**Broadway & 18th St.,**

**NEW YORK.**

IN ADDITION  
TO THE ABOVE  
WHICH IS UN-  
DOUBTEDLY THE suc-  
CESS OF THE SEASON,  
WE BEG TO ANNOUNCE  
SUPERB LINES OF NEW AND  
ATTRACTIVE GOODS NOW  
READY FOR THE FALL TRADE.

IT IS SUGGESTED THAT BUYERS IN  
TOWN OR SOON TO BE HERE SHOULD  
GIVE EARLY ATTENTION.





**Trout & Co.** DIAMONDS.

**Brooches,**  
14K., 10K. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
PANCELETS,  
HAT PINS,  
ELK BUTTONS

"Runaway Girl" and "Florodora"

SASH, HAT, BROOCH AND CUFF PINS, WAIST SETS  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**BIG SELLERS.**

CATALOGUE READY ABOUT SEPT. 1ST, OF  
**Ebony, Gun Metal and Leather**  
**Novelties.**

**CHAS. L. TROUT & CO.,**  
5 AND 7 MAIDEN LANE, NEW YORK.

**SIMPLY A  
MATTER OF  
TIME UNTIL  
WE HEAR  
FROM YOU.**

**Our new line of carved  
Rings for Schools, Col-  
leges, and Athletic Clubs  
will be ready shortly.**

**It would be well for  
you to keep in touch  
with us.**

**M. MANNIST & CO.**  
Ring Builders for Men,  
57 Maiden Lane, New York.



**OUR TRAVELING**  
**Representatives**

Traveling representatives  
may consider these columns  
open for the publication of  
any news or items of inter-  
est regarding themselves  
or their confreres.

Among the visitors  
to the Syracuse, N.  
Y., trade, last week,  
were: H. C. Barnum,  
Shafer & Douglas;  
W. F. Koch, Amer-  
ican Morocco Case Co.; F. C. Allen, D. Gruen,  
Sons & Co.; George Southwick, Union Braiding  
Co.; Frank H. Dana, Henry A. Kirby; Andrew S.  
Cooper, Parks Bros. & Rogers; Charles H. Clark,  
W. G. Clark & Co.; L. H. Carpenter, Charles E.  
Hancock Co.; W. R. Boos, Hutchison & Huestis;  
M. W. Potter, J. M. Fisher & Co.; F. V. Kennon,  
John T. Mauraan Mfg. Co.; Mr. Somes, S. O. Big-  
ney & Co.; Alpin Chisholm, Bugbee & Niles Co.;  
George C. McCormick, R. L. Griffith & Son Co.;  
Mr. Cook, Fontneau & Cook; James G. Magee, C.  
F. Rumpp & Sons; A. W. Bogart, Waterbury  
Clock Co.; Mr. Rosenberg, W. H. Terhune &  
Co.; Charles L. Andrews, Carter, Howe & Co.;  
E. Cooper Stone, Jones & Woodland; E. C.  
Wakefield, Aikin, Lambert & Co.; M. B. Rosen-  
back, William J. Rosenfeld; H. T. Kneeland, G.  
T. Sutterley & Co.; Dan F. Pickering and Charles  
E. Bride, Bride & Tinkler; F. L. Bride, Roger  
Williams Silver Co.; W. R. Shute, Edward Todd  
& Co.; Henry Greenthal, J. J. Cohen; W. C. Por-  
ter, Harvey B. Kimmey; J. W. McClannin, Wilcox  
Silver Plate Co.; N. E. Nelson, Alvin Mfg. Co.;  
William Matschke, F. & F. Felger; E. C. North,  
Smith & North; H. L. Mitchell, Robert S. Gatter;  
Harry W. Frolichstein, Henry Froehlich & Co.;  
J. J. Goldberg, Howard Thornton, McIntire, Ma-  
gee & Brown; Frank L. Avery, Quaker City Watch  
Co.; Hamlin D. Brown, Paul Mfg. Co.; Mr.  
Davies, Crane & Theurer; C. E. Mott, J. B. Bow-  
den & Co.

H. F. Nells, with Woodstock, Hoefler & Co.,  
Kansas City, Mo., has set out on his trip.  
H. H. Totten is to go on the road for F. M.  
Whiting & Co. He was formerly traveling man  
for J. J. Somer & Co.  
F. B. Whitney starts north in a few days in the  
interests of the Basset Jewelry Co. He will also  
carry the silverware lines of J. B. Whitney, San  
Francisco.  
R. Schwartzkopf, who recently returned to San  
Francisco, Cal., from a trip through the northern  
part of the Pacific coast, in the interests of Day,  
Clark & Co., reports a successful season.  
The travelers who visited the Minneapolis and  
St. Paul, Minn., trade, last week, were: L. E.  
Fay, R. F. Simmons & Co.; Henry Jacobson, Ja-  
cobson Bros.; Izri W. Lederer, S. & B. Lederer  
Co.  
New York travelers calling on the Memphis,  
Tenn., trade, last week, included Morris Lis-  
sauer, Ingomar Goldsmith & Co.; Erst. D. Wetton,  
C. Dorfinger & Sons; Alexander Harper, American  
Silver Co.  
Frank Mayer, American Watch Case Co., and  
Sig Goldsmith, C. P. Goldsmith & Co., are now  
in San Francisco, Cal. Mr. Thornton, representa-  
tive of Powers & Mayer, is expected in San Fran-  
cisco, this week.  
The following traveling men interviewed the  
Portland, Ore., trade, during the past week: Burr  
W. Freer, Hancock-Freer Co.; L. F. Stark, Will-  
iam B. Glidden; Mr. Parker, Osman, Parker Mfg.  
Co.; and W. L. Mason, Hayden W. Wheeler &  
Co.  
The following eastern traveling representatives  
were in St. Louis, Mo., last week: M. L. Barnard,  
J. B. Bowden & Co.; J. L. Goldenberg, Fred  
Kaffeman; Mr. Henderson, R. L. & M. Fried-  
lander; J. H. Friedlander, H. Z. & H. Oppen-  
heimer.

Eastern representatives in Chicago, last week,

included Gus Stroudburg, Sykes & Stroudburg;  
Joe Frank, Sussfeld, Lorsch & Co.; W. S. Met-  
calf, Plainville Stock Co.; Frank Lawton, Unter-  
meyer-Robbins Co.; Harry Scofield, Scofield,  
Meicher & Scofield.

The following called on the trade in Louisville,  
Ky., last week: L. W. Melcher, F. A. Hardy &  
Co.; Fred Casper, Mauser Mfg. Co.; T. E.  
Browne, E. Ira Richards & Co.; Walter Noon,  
F. Corey & Bro.; Mr. Pretzfelder, L. W. Levy  
& Co.; R. B. Carr, Link & Angell; Thomas E.  
Rogers, Riker Bros.; Julius Klein, Lissauer & Co.;  
W. H. Squier, Hamilton Watch Co.; Alfred Gold-  
smith, L. D. Bloch & Co.; Josh Mayer, Powers  
& Mayer; Lawrence Smith, Bippart, Griscom &  
Osborne.

Traveling men in Indianapolis, Ind., during the  
last week in August included: F. W. Cornell, J.  
T. Inman & Co.; H. J. Hildebrand, H. C. Lindol  
& Co.; Mr. Cobb, R. B. Macdonald & Co.; Harry  
B. Kennion, Park Bros. & Rogers; George C.  
McCormick, R. L. Griffith & Son Co.; Mr. Bige-  
low, Sturtevant, Whiting & Bigelow; Mr. Kohn,  
Silbermann & Co.; Mr. Joseph, M. B. & H. H.  
Joseph; Wildpret & Saacke, Wolstenholm Mfg.  
Co.; A. R. Dorchester, W. E. Richards & Co.; a  
representative of the Attleboro Mfg. Co.; C. C.  
Stoner, Joseph Mehmert; C. T. Barbour, Corey,  
Holden & Barbour.

Among the callers on the Columbus, O., trade,  
during the past week, were: C. A. Hulstrom, Wil-  
cox & Evertsen; Fred W. Wilkinson, A. Witt-  
nauer; C. A. Wiedemann, T. B. Clark &  
Co.; DeForest Ely, Barbour Silver Co.; W. H.  
Gregory, Strobel & Crane; A. Weidman, Elias-  
sof Bros. & Co.; C. P. Young, William B. Kerr  
& Co.; Charles H. Anderson, Allsopp Bros.;  
Charles E. Lochner, Hayes Brothers Co.; J. B.  
Osthoff, Joseph Noterman & Co.; Charles Will-  
iams, Gorham Mfg. Co.; Charles S. Down, J. H.  
Peckham & Co.; H. Carter, Mockridge Jewelry  
Co.; A. B. Chase, F. S. Gilbert & Co.; F. S. Ken-  
non, John T. Mauraan Mfg. Co.; H. S. Goldberg,  
W. & S. Blackinton Co.

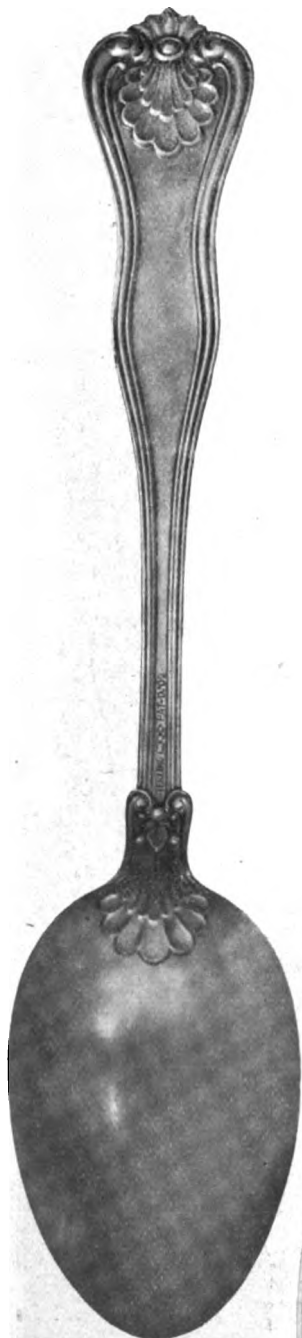
A great many traveling representatives of east-  
ern jewelry houses visited Kansas City, Mo., last  
week; among them were: W. F. Adams, Simpson,  
Hall, Miller & Co.; S. D. Engelsman, Goodfriend  
Bros.; George H. Remington, Waite, Mathewson  
& Co.; E. M. Sachs, Louis Wolfshelm & Co.; A.  
L. Castler, Standard Optical Co.; W. H. Helmbold,  
National Optical Co.; W. A. Peck, O. W. Bullock  
& Co.; Mr. Limbach, Theo. A. Forster & Bro.  
Co.; L. E. Fay, R. F. Simmons Co.; Mr. Bige-  
low, Sturtevant, Whiting & Bigelow; Mr. Jacob-  
son, Jacobson Bros.; Simon Goldsmith, Solidarity  
Watch Case Co.; William Rosenberger, A. Wal-  
lach & Co.; Izri W. Lederer, S. & B. Lederer  
Co.; E. H. Cummings, J. F. Sturdy's Sons; W.  
G. Gilbert, Otto Young & Co.; Mr. Carlisle, Foll-  
mer, Clogg & Co.; E. C. Weidlich, William Weid-  
lich & Bro.; and Mr. Rogers, N. E. Whiteside &  
Co.

Among the representatives who called on the  
Pittsburgh, Pa., trade, during last week, were the  
following: Frank W. Trewin, Keystone Watch  
Case Co.; S. Wolf, Bonner & Co.; G. Cheever  
Hudson, G. C. Hudson & Co.; B. F. Hodgins,  
Snow & Westcott; Harry Mix, Wightman &  
Hough Co.; D. L. Davidson, Wallach & Schiele;  
Frank W. Collom, J. J. White & Co.; Charles H.  
Clark, W. G. Clark & Co.; William Rosenberger,  
A. Wallach & Co.; E. J. Walther, D. F. Briggs  
Co.; F. D. Newburger, R. Blackinton & Co.;  
Jerome C. Adler, Jerome C. Adler; Alpin Chis-  
holm, Bugbee & Niles Co.; Mr. Remington, Car-  
ter, Qvarnstrom & Remington; J. T. Griffith,  
Jr., Carter, Howe & Co.; G. E. Tinker, William  
B. Durgin Co.; R. C. Wilde, Meriden Cutlery  
Co.; L. Jacobs, Peckham Seamless Ring Mfg. Co.;  
William Hoffman, Eichberg & Co.; E. A. White,  
George L. Vose Mfg. Co.; S. C. Howard, Dom-  
inick & Haff; M. Kohn, Silbermann & Co.; A. J.  
Sherrard, Enos Richardson & Co.; Mr. Schwarz-  
kopf, Schwarzkopf & Dorer, Ltd.; F. R. Sheridan,  
Arnold & Steere; George A. Stockder, J. D. Ber-  
gen Co.; Charles H. Clarke, W. G. Clark & Co.;  
representative of H. F. Barrows & Co.; F. D.  
Heffron, Riley, French & Heffron; Charles W.  
Hempel, Sandland, Capron & Co.; F. V. Kennon,  
John T. Mauraan Mfg. Co.; Walter L. Bristol,  
William Rogers Mfg. Co.; Lewis L. Squire, F.  
H. Cutler & Co.; Harry B. Kennion, Park Bros.  
& Rogers; E. H. Cummings, J. F. Sturdy's Sons;  
J. Williams, Mr. Hassberger, Lazarus, Rosenfeld  
& Lehman; Arthur C. Macu, Fred W. Lewis &  
Co.

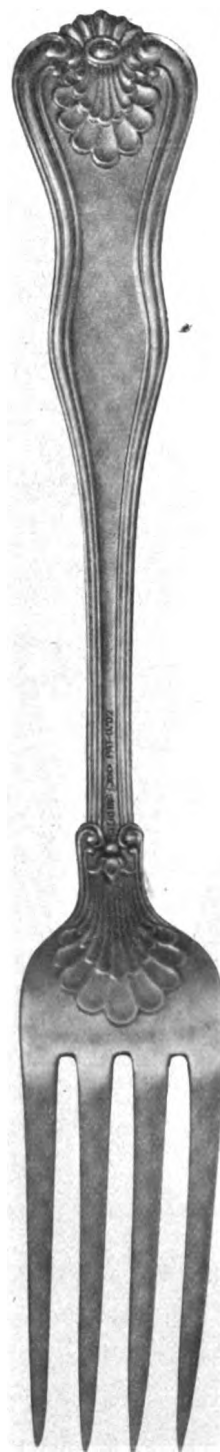
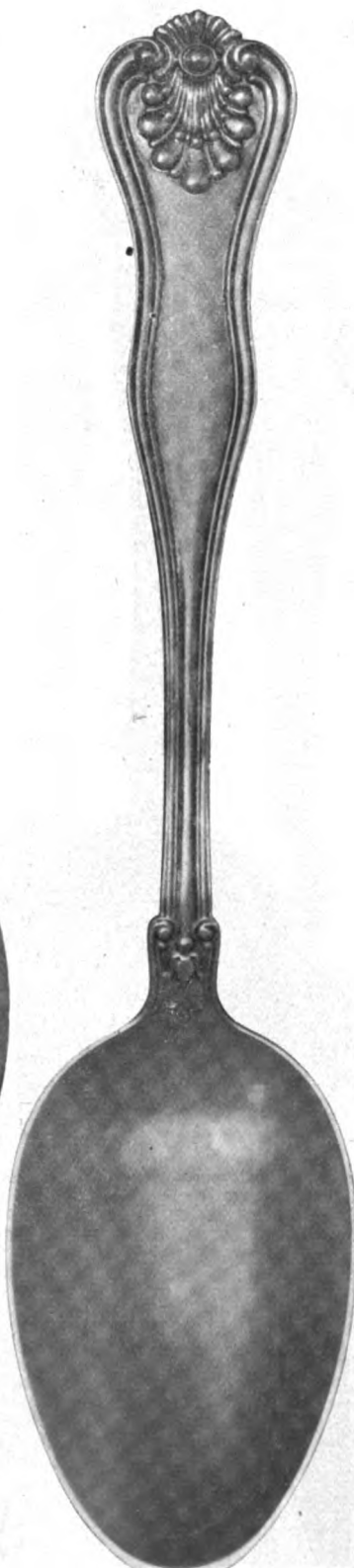
Rubelite charms and brooches are now  
extremely popular.



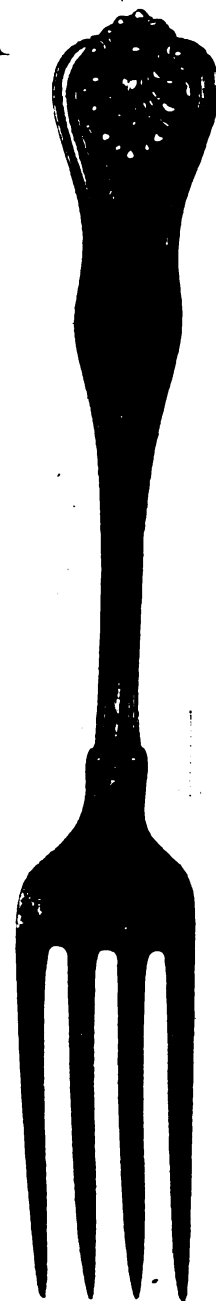
# The Alexandra



REVERSE.



REVERSE.



MADE IN ALL WEIGHTS.

COMPLETE LINE  
OF FANCY PIECES.

DOMINICK & HAFF, Silversmiths,  
860 Broadway, New York.



# THE "IRIAN" PATTERN

A dainty new service of  
Flatware in sterling silver.

Made in England  
Catalog and Price List  
will be sent to



TEA SPOON

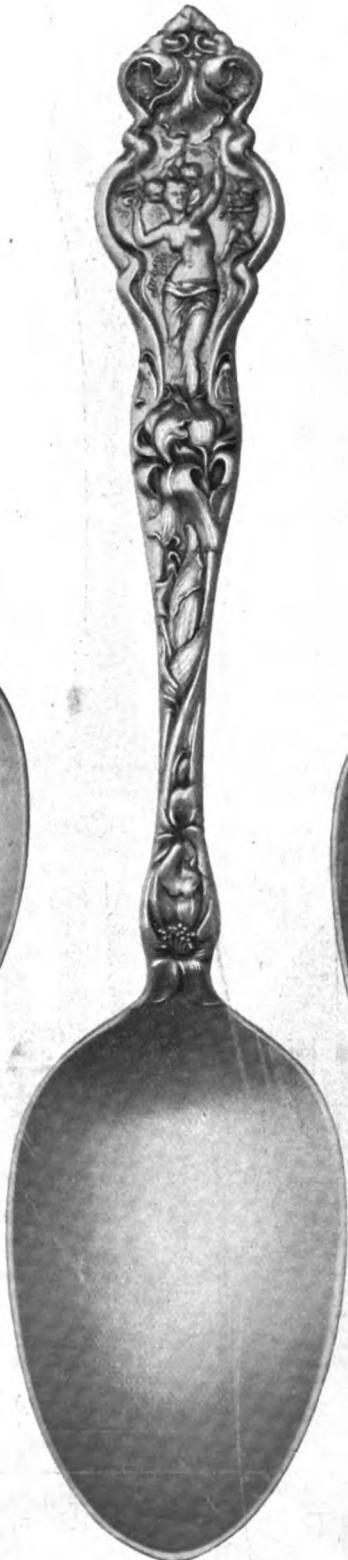


TABLE SPOON.



DESSERT SPOON.



SUGAR SHELL.



TEA SPOON.  
(REVERSE)

*R. Wallace*

Silversmiths

*New York.*

*Chicago.*





# THE "IRIAN" PATTERN

Seven Pieces.

being prepared and completed.

Charming in design and of exquisite workmanship.



MEDIUM BUTTER KNIFE.



BUTTER KNIFE, LARGE.



INDIVIDUAL SALAD FORK.



DESSERT FORK.



MEDIUM FORK.



CHILD'S FORK.

*Wm. Rogers & Co. Mfg. Co.*

Factories: Wallingford, Conn.

San Francisco.





# WALTHAM WATCHES.

16 Size, S. W., '99 Model, Pendant Setting.

HUNTING OR OPEN FACE.

---

**RIVERSIDE MAXIMUS, Nickel;**

21 Diamond and Ruby Jewels; Two Pairs Diamond Caps; Both Balance Pivots running on Diamonds; Raised Gold Settings; Jewel Pin Set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Accurately Adjusted to Temperature, Isochronism and Five Positions, and Carefully Timed; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Gold Train; Fine Glass Hand-Painted Dial of Most Modern and Artistic Design. The superior construction of this movement adapts it to the most exacting service.

**RIVERSIDE, Nickel;**

17 Fine Ruby Jewels; Raised Gold Settings; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance; Adjusted to Temperature and Three Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**ROYAL, Nickel;**

17 Jewels; Red Gold Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gold Center Wheel.

**No. 630, Nickel;**

17 Jewels; Red Gilded Settings; Exposed Pallets; Compensating Balance; Adjusted to Temperature; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 620, Nickel;**

15 Jewels; Red Gilded Settings; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring; Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding Wheels; Red Gilded Center Wheel.

**No. 610, Nickel;**

7 Jewels; Exposed Pallets; Cut Expansion Balance; Patent Breguet Hairspring, Hardened and Tempered in Form; Tempered Steel Safety Barrel; Exposed Winding Wheels.

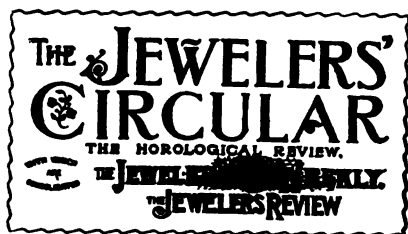
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Manufactured and Warranted by

**AMERICAN WALTHAM WATCH CO.,**

**WALTHAM, MASS.**





PUBLISHED EVERY WEDNESDAY BY  
THE JEWELERS' CIRCULAR PUB'G CO.,

11 JOHN ST., COR. BROADWAY, NEW YORK.  
TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWELAR, NEW YORK.

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

### Precious Stone Imports of precious stones and pearls in August.

THE importations of precious stones and pearls into the Port of New York for August just passed were the largest in amount for any August on record. According to the report of Gen. Geo. W. Mindil, Jewelry Examiner at the United States Public Stores, the importations amounted in all to \$2,329,505, which is nearly \$125,000 more than in August, 1899, which held the record until this year. A comparison of the value of the importations for August during the past six years is afforded by the following table:

August.	Cut.	Uncut.	Total.
1902....	\$2,124,078.42	\$205,427.54	\$2,329,505.96
1901....	1,458,208.47	398,373.69	1,856,582.16
1900....	1,934,470.82	256,640.65	1,291,111.47
1899....	1,672,364.01	534,497.29	2,206,861.30
1898....	1,131,805.21	589,087.21	1,720,892.42
1897....	1,331,085.56	720,133.75	2,051,169.31

The total importations for the eight months ended Aug. 31 were \$16,438,573.89.

### An Interesting Question.

A QUESTION whose settlement would be a matter of great interest to the manufacturing jewelers of the country and especially of New England, apart entirely from the politics wrapped up in its solution, is who deserves the credit for inducing the framers of the Dingley Tariff Law to change the tariff on jewelry from 50 to 60 per cent.

In the red hot contest now on in the 14th Massachusetts District Congressman William C. Lovering is striving for re-election. His friends have made an effort to capture the jewelry district by declaring that he was the man whose influence led to the giving of the present protection to the industry when the Congressional Committee having the bill in charge intended to enact only 50 per cent. duty.

The claim has led to much newspaper controversy on account of its politics, but the public interest has been partly due to a real desire to know who saved the business from a repetition of former depression. Mr. Lovering personally refrained

from taking any part in the controversy until last week, when he addressed the voters through a newspaper communication. In it he refers them to a letter he had in hand from S. N. D. North, in which Mr. North unhesitatingly declares that Mr. Lovering was the one whose influence led to the change in the schedule and rehearses at some length the details of the campaign made by the Congressman in the interests of his constituents in the jewelry section.

As a question affecting the history of the industry, the documents and the new facts they make public for the first time are of no small interest.

The New England jewelers by their energy and by the aid they have demanded from their representatives in the halls of legislation have three times risen up to save the industry from ruin.

### A Barometer of Trade Conditions.

THAT the condition of business in the jewelry trade reflects correctly the general prosperity of the country is now recognized thoroughly by the general public, but it is only recently that the daily journals have begun to understand how accurate a barometer of trade generally are the statistics of this industry. Among the first journals to appreciate this fact is the *New York Commercial*, in which last week appeared the following editorial:

"The business done by dealers in jewelry and precious stones is a good test of the condition of a country, as regards its financial standing. People do not buy extensively of such articles unless they have plenty of money to dispose of for luxuries, and dealers do not make extensive preparations to meet a demand for precious gems unless they have satisfactory evidence that the demand will be certain to arise. Such evidence seems to have been furnished them this year, for the importation of diamonds has never been so extensive as it is now. The records of the appraisers' office show that in one day this month diamonds valued at \$800,000 were passed, and this is not by any means an exceptional record. The fact is that the large importers realize that the wonderful crops of the present year, added to the prosperity that the country was already enjoying, make an unusual demand for gems almost an absolute certainty this season. The South African war did not materially raise the price of diamonds, although the impression seems to have gone out that it did. But the price is undoubtedly higher than it was a short time ago, and this is explained by the fact that the expense of mining them has increased, the gems having to be sought deeper in the ground now than formerly. The trade looks for an increase in the prices from now on."

### American Jewelers' Trade with Canada.

THE figures of the Canadian Department of Trade and Commerce, giving a summary of the imports of jewelry, watches and kindred articles into Canada during the year ended June 30, which are published in another column, will prove interesting reading to manufacturers in the jewelry trade, inasmuch as they show how

thoroughly the jewelry manufacturers of the United States dominate the Canadian market, as far as the articles purchased from outside countries are concerned.

There was imported from the United States jewelry valued at \$518,794 out of a total of \$647,200, while in clocks and watches the importations from the United States were \$774,094 out of a total of \$976,751. These are but two of the many items enumerated, all of which tell the same story.

### Thief Throws Pepper In Jeweler's Eyes and Escapes With Jewelry.

CLEVELAND, O., Aug. 31.—Chas. E. Wilsdorf, of 1186 Payne Ave., was robbed of a tray of diamond jewelry worth \$500 Saturday afternoon.

Two well dressed men drove to the store, and one of them entered and asked to see some diamonds. While examining the stones on a tray the supposed customer thrust his hand in his pocket and threw a handful of pepper in Mr. Wilsdorf's face. Then he grabbed the tray and ran out of the door.

Mr. Wilsdorf got his revolver and ran to the door, firing two shots at the robbers as they drove away. As he was nearly blinded by the pepper, the shots went wild. A boy followed the carriage for some time on a wheel, but finally lost it. The police were notified and are investigating.

Mr. Wilsdorf is suffering intensely from the pepper in his eyes, but his sight will probably not be affected.

### Trans-Atlantic Voyagers.

FROM EUROPE.

A. J. G. Hopendyl, of Hopendyl & Sons, New York, arrived, Saturday, on the *Staten-dam*.

Mr. Shire, of Frank & Shire, New York, returned, Saturday, on *La Savoie*.

Louis Strasburger, of Louis Strasburger's Sons & Co., New York; Morris Prager, of Morris Prager & Co., New York; Henry Untermeyer, of the Keller & Untermeyer Mfg. Co., New York, accompanied by his wife; Leo Goldsmith, New York; Chas. Deitsch, of Deitsch Bros., New York, accompanied by his wife, and S. Kind, of S. Kind & Son, Philadelphia, Pa., arrived, last week, on the *Kaiser Wilhelm der Grosse*.

F. C. Norbeck, Anaconda, Mont., has been appointed trustee for the creditors in the D. C. Scott bankruptcy proceedings. Mr. Scott recently petitioned the Federal Court to be declared a bankrupt. He formerly conducted a jewelry store in Anaconda.

John P. Winters, Kansas City, who says he is a traveling salesman for a jewelry firm, reported to the police of St. Louis last week that two highwaymen dragged him into an alley on Olive St., between 11th and 12th, and relieved him of valuable diamonds and jewelry, severely lacerating one of his fingers during the act. He said that as he passed the alley a man sprang out, and, clutching him by the throat, dragged him into the alley, at the same time holding a revolver to his head, while a confederate went through his pockets.



### Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

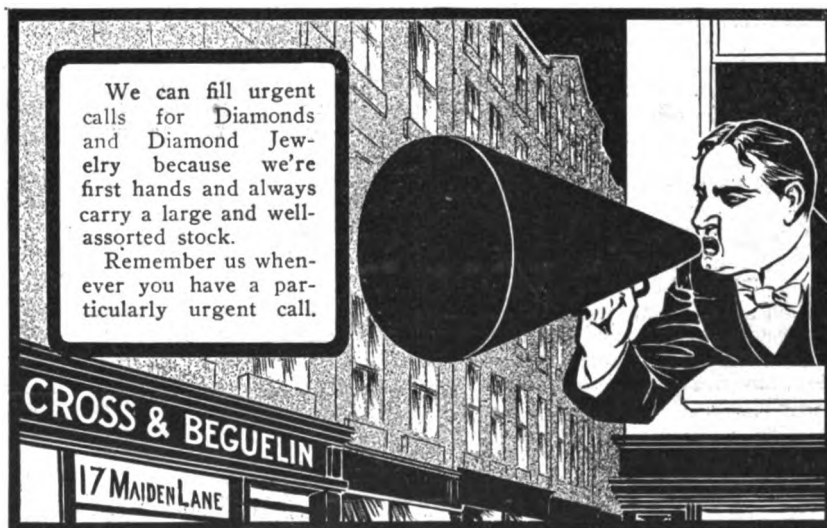
For the sum of \$10. (payable in advance) a daily list will be furnished, during the fall season (ending Dec. 10), at the offices of those desiring this service.

ALEXANDRIA, IND., Frank Heller (Heller & Benton).  
 ANDERSON, IND., J. Rosenbaum (D. & J. Rosenbaum), Audubon.  
 ATLANTA, GA., V. R. Davis (Davis & Freeman).  
 J. R. Watts (J. R. Watts & Co.), Empire.  
 AUGUSTA, GA., W. Schweigert, Earlington.  
 BALTIMORE, MD., A. B. Gutman (Joel Gutman & Co.), Marlboro.  
 BAY CITY, MICH., H. Hiss (H. Hiss & Co.), Astor.  
 BLACK ROCK, ARK., W. D. Burd, Astor.  
 BOSTON, MASS., H. A. Goss (Pitts, Kimball & Co.), Navarre.  
 S. Y. Pierce (R. H. White Co.), Imperial.  
 BOWIE, TEX., G. W. Halton, Astor.  
 BUFFALO, N. Y., R. Robertson (Adam, Mel-drum & Anderson Co.), 2 Walker.  
 Miss A. M. Davis, Cosmopolitan.  
 CHICAGO, ILL., D. Friedman (D. Friedman & Co.), 215 W. 189th St.  
 R. S. Merebaum (Mandel Bros.), Holland.  
 T. J. Wilson (Marshall Field & Co.), Imperial.  
 CINCINNATI, O., H. M. Lipman (May & Lipman), Vendome.  
 S. W. Gerhart (G. W. McAlpin Co.), New Amsterdam.  
 COLUMBIA, MO., Miss J. Harris, St. Denis.  
 COLUMBIA, PA., W. S. Oberlin (H. L. Oberlin & Bro.).  
 COLUMBUS, GA., F. Reich, Marlboro.

COLUMBUS, O., E. J. Goodman (Goodman Bros.), Plaza.  
 D. H. Taft (Dunn, Taft & Co.), Navarre.  
 COOPERSTOWN, N. Y., D. F. Saxton, Albert.  
 CUMBERLAND, MD., J. Steele, Broadway Cent.  
 CUYAHOGA FALLS, O., B. F. Philips, Imperial.  
 DANVILLE, PA., H. Rempe, Herald Sq.  
 DAYTONIA, FLA., G. H. Clark, St. George.  
 FARGO, N. D., M. Haglin, Marlboro.  
 M. A. Hagen, Marlboro.  
 FREMONT, NEB., H. Dunning, Cadillac.  
 GRAND RAPIDS, MICH., A. Preusser, St. Denis.  
 Mrs. C. Waters (M. Friedman & Co.), Herald Sq.  
 HAMILTON, O., F. C. Bentel (Bentel Bros. Co.), Continental.  
 R. S. Bentel (Bentel Bros. Co.), Continental.  
 R. S. Burtet (Bentel Bros.), Continental.  
 HARRISBURGH, PA., E. F. Taussig (Jacob Taussig's Sons), Broadway Cent.  
 HAVERHILL, MASS., J. H. McGowan, Sturtevant.  
 HELENA, ARK., M. Cook (Cook Bros.), Grenoble.  
 HENDERSON, KY., A. P. Cole (Pinson D. G. Co.), Hoffman.  
 INDIANAPOLIS, IND., E. P. Clancy (H. P. Wasson & Co.), 120 W. 59th St.  
 IONIA, MICH., A. G. Bedford, Waldorf-Astoria.  
 JAMESTOWN, N. Y., C. L. Audette (Jones & Audette), Broadway Cent.  
 JOHNSTOWN, PA., J. Lippman (Rothstein Lippman Bros.), Imperial.  
 JOLIET, ILL., Edward J. Peck, Merchants' Assn.  
 KNOXVILLE, TENN., H. W. Curtis, Herald Sq.  
 LOUISVILLE, KY., P. Gleason (Stewart D. G. Co.), Earlington.  
 L. Lewis (John C. Lewis Co.), St. Denis.  
 MT. VERNON, IND., Isaac J. Rosenbaum, Audubon.  
 NASHVILLE, TENN., L. Lowenstein (L. Jonas & Co.), Navarre.  
 NORFOLK, VA., J. W. Grandy (J. W. Grandy & Co.), Herald Sq.

NORWALK, O., N. G. Gilder (S. J. Gilder), Broadway Cent.  
 W. Gilger, Broadway Cent.  
 OMAHA, NEB., J. F. Mawhinney, Broadway Cent.  
 PARIS, TEX., J. Noyes, Astor.  
 PARSONS, KAN., J. S. Pfeiffer, 28 W. 98d St.  
 PHILADELPHIA, PA., J. L. Adrien (Maris Bros.), Victoria.  
 W. P. Sackett (Jno. Wanamaker), St. Denis.  
 PITTSBURGH, PA., I. J. Jenkins (The Horne-Stewart Co.), Navarre.  
 J. A. Wallace (Wallace Opt. Co.), Ashland.  
 R. G. West, Astor.  
 PORTLAND, ME., Mr. Carter (Carter Bros.), Broadway Cent.  
 POTSDAM, PA., W. E. Mills (Ellis Mills), Herald Sq.  
 READING, PA., Miss M. Parvin (Dives, Pomery & Stewart), Albert.  
 RICHMOND, IND., Chas. H. Hauer, Albert.  
 SALEM, MASS., S. F. Low (Daniel Low & Co.), Manhattan.  
 SHARPSBURG, Pa., A. C. Gaul, Vanderbilt.  
 SHENANDOAH, PA., E. B. Brumm, Belvidere.  
 SHREVEPORT, LA., S. G. Dreyfus (S. G. Dreyfus & Co.), 50 Franklin St.  
 SIOUX CITY, IA., W. H. Beck, Victoria.  
 W. Loeffel, Continental.  
 SPRINGFIELD, MASS., R. N. Wallace (Forbes & Wallace), Normandie.  
 STAUNTON, VA., D. L. Switzer, Walcott.  
 ST. LOUIS, MO., C. S. Aehle (Whelan, Aehle, Hutchinson Co.), New Amsterdam.  
 P. T. Whelan (Whelan, Aehle, Hutchinson Co.), New Amsterdam.  
 F. M. Ester (Mermod-Jaccard Jewelry Co.), Victoria.  
 W. G. Drosten (F. W. Drosten), Waldorf.  
 ST. PAUL, MINN., C. F. Sischo (Sischo & Beard), Kensington.  
 SUFFOLK, VA., E. L. Folk, Grand Union.  
 WACO, TEX., F. Studor, Continental.  
 WARSAW, N. Y., J. A. Main, Astor.  
 WAXAHACHIE, TEX., O. H. Ross (Ross Jewelry Co.), Waldorf.  
 WINCHESTER, KY., C. H. Bowen (Bowen & Simpson), 858 W. 56th St.  
 YOUNGSTOWN, O., H. J. Barnes (The G. M. McKelvy Co.), Herald Sq.  
 W. Elms (The G. M. McKelvy Co.), Broadway Cent.

## URGENT CALLS!



We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.  
 Remember us whenever you have a particularly urgent call.

# CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

8 Rue de Meslay, PARIS

Telephone, 2188 Cortlandt

17 Maiden Lane, NEW YORK

### Importations at the Port of New York.

Weeks Ended Aug. 30, 1901, and Aug. 29, 1902.

	1900.	1901.
China, Glass and Earthen Ware:		
China .....	\$102,108	\$106,748
Earthen ware .....	14,082	14,140
Glass ware .....	27,177	31,619
Optical glass .....	84	3,398
Instruments:		
Musical .....	12,624	25,348
Optical .....	12,470	8,189
Philosophical .....	4,130	2,804
Jewelry, etc.:		
Jewelry .....	24,232	24,314
Precious stones .....	262,325	613,877
Watches .....	16,310	25,619
Metals, etc.:		
Bronzes .....	8,630	13,218
Cutlery .....	25,027	42,448
Dutch metal .....	8,574	3,790
Platina .....	430	15,516
Plated ware .....	39,026	12
Silverware .....	717	23
Miscellaneous:		
Alabaster ornaments .....	1,029	22
Amber .....	.....	1,428
Beads .....	4,343	8,293
Clocks .....	4,186	8,603
Fans .....	6,322	8,396
Fancy goods .....	7,427	6,021
Ivory .....	24,714	7,666
Ivory, manufactures of .....	1,990	435
Marble, manufactures of .....	2,690	11,557
Statuary .....	2,409	4,862

Morris Scofield, Saugerties, N. Y., reports the loss by burglars of \$2,000 in cash and jewelry.



**New York Notes.**

Alfred Nathan is no longer connected with Pitzle & Baschkopf.

Tiffany & Co. have entered a judgment for \$104.72 against John T. Little, Jr.

The Gorham Mfg. Co. have filed a judgment of \$28.97 against J. Henry Galt.

R. L. & M. Friedlander have entered a judgment for \$220.25 against Simon Baconby.

A judgment against Albert F. James for \$122.09 has been entered by S. M. Levor, and others.

R. Harris, of R. Harris & Co., Washington, D. C., arrived in New York, Monday, for a week's visit.

Sam Frank, of Thalheimer & Frank, Louisville, Ky., called on his friends in New York, last week.

Chas. M. Levy, 90 William St., has installed in his shop a number of new work benches of an improved style.

W. J. Chaplin, Philadelphia representative of the L. E. Waterman Co., has been at the New York office this week.

Philip Michaelson, of Michaelson & Levinson, Baltimore, is visiting New York on a purchasing tour in the interests of his firm.

The Pacific Coast branch of the L. E. Waterman Company has been removed from 123 Grant Ave. to 138 Montgomery St., San Francisco.

The American Waltham Watch Co. has declared a semi-annual dividend of 4 per cent., and an extra dividend of 2 per cent., payable Sept. 15 to stockholders of record Sept. 5.

Joseph Eichhorn, of 1309 Third Ave. (Brooklyn), was accused in the Butler St. Court, Wednesday, of smashing the show window in the store of Samuel Pearl, a jeweler, at 1311 Third Ave.

Morris Silberman, in business at 57 3d Ave., and Jos. Somokoff, were arrested

Sunday evening as the result of an altercation with a conductor on the Calvary line of trolley cars.

The jewelry store of Miss K. McCrane, 927 Broadway, was entered, last week, by a thief, who escaped with a quantity of cheap jewelry. This is the second time the place has been robbed within a month.

On petition of Benjamin Barker, receiver in bankruptcy for Chas. Altshul, 41 Maiden Lane, Judge Adams, in the United States District Court on Thursday appointed A. G. Everitt, Aaron Brookheim and Benjamin S. Wise appraisers of the bankrupt's assets.

A diamond and pearl necklace, said to be valued at \$20,000, which was seized from a passenger on the *Kronprinz Wilhelm* two weeks ago, has been ordered confiscated by the Treasury Department. Papers in a civil suit against the jewel are in preparation by Assistant United States District Attorney Parsons, and the information will be filed in the United States District Court early this month.

Albert Van Eckhoven, who is said to be a diamond polisher living at 1306 Washington St., Hoboken, N. J., was arrested Wednesday night by Deputy Collector Jacob Straus and a special officer, on the charge of smuggling. The arrest took place at Mr. Van Eckhoven's home. It is alleged that the accused had in his possession a large number of cigars on which duty had not been paid. He was held in \$500 bail for examination on the charge.

Word was received here Wednesday that the suit for libel brought by Wernher, Beit & Co., one of the largest of the diamond syndicate concerns, against Arthur B. Markham, M. P., resulting from a speech which the latter made in the House of Commons, on March 19, in which he characterized the firm as "a gang of common thieves or swindlers," has been amicably settled by Mr. Markham's retracting

the statements made by him against the firm, admitting that they were without foundation and apologizing for his words.

David Zimmern, of Zimmern, Rees & Co., 13 Maiden Lane, New York, was robbed of \$65 in cash and personal jewelry valued at \$500, Aug. 25, at English's Hotel, Indianapolis, Ind. Mr. Zimmern, on retiring for the night, left the jewelry, consisting of diamond rings, shirt studs, locket, collar buttons, watch and chain, on a table in his room; when he arose in the morning the door was open and the jewelry had disappeared. Detectives who investigated the matter arrested a colored bellboy on suspicion, but were unable to find any trace of the goods.

**Death of Thomas J. Pairpoint.**

PROVIDENCE, R. I., Sept. 1.—By the death of Thomas J. Pairpoint, formerly head of the Pairpoint Mfg. Co., who died on Friday, at his home, 27 McKinley Ave., the city loses one who was well known as an expert silversmith and designer. Mr. Pairpoint had not been actively engaged in business during recent years.

He was a native of London and learned his trade there. One of his most notable achievements was designing the sword of gold which was presented to Lord Napier by the city of London, for which he was awarded a diploma by Albert Hall. He also received five medals for exhibits in Paris and London.

After coming to this country Mr. Pairpoint was for a number of years in the employ of the Gorham Mfg. Co. and was an exhibitor at the National Academy in New York. He was the designer of the century vase, one of the largest silver pieces ever constructed by the Gorham Mfg. Co.

Later Mr. Pairpoint was at the head of the Pairpoint Mfg. Co., of New Bedford.

He was 64 years old, and leaves a widow and daughter.

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36 Murray Street, New York.**

## The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

**J. B. BOWDEN & CO.,**

**1 Maiden Lane.**

**NEW YORK.**



### The Occult Craze and Birthstones?

EVERYTHING occult goes these days, and now the swagger woman is poking over trays of uncut gems, hunting, like Diogenes, not for an honest man, but for a birthstone, says *Collier's Weekly*. The day has gone by when only the girl with a diamond or ruby heralded the fact by wearing on her finger a ring set with her birthstone.

The jewelers' trays nowadays contain collections of stones with names which require deep study to understand and remember. How many purchasers have ever heard of olivine, hematite, spinel, idocrase, chalcodony or rutile?

A popular design in birth rings is a hand-wrought circle, which takes its design from the sign of the Zodiac under which the ring's wearer was born, and at the back of the ring, set in intricate carving, is a small bit of the wearer's birthstone.

Bracelets with zodiacal figures linked together by birthstones are another fancy, and are popular among men as presents to their

best girls. It is not alone sufficient to know the names of the stones, but the faddist must know the sentiment of each gem and its talismanic power.

So rapid has been the growth of this fad that one noted jewelry firm has looked up all the sentiment and superstition connected with precious stones and gems and has a book stocked with such lore for the aid of both purchasers and designers.

Not only the meaning and sentiment of each stone are noted there, but, to help in jewelry symbolism, with each month's birthstone is given a zodiacal sign, the birth flower, the special apostle, the guardian angel and his talismanic gem. For instance, the mortal born in May has for a jewel the cat's eye, for zodiacal sign Gemini, for special apostle St. John, for guardian angel Gabriel, whose talismanic gem is onyx, and for color vermilion. All of these facts may be woven into one symbolical piece of the new jewelry and its particular interest and attractiveness promise to make the new fad permanent by reason of its variety and many phases.

### A Proposed Industrial Exhibition at Manchester, Eng.

OWING to the fact that the exhibition at St. Louis, Mo., has been postponed until May, 1904, it is proposed to hold an international exhibition at Manchester, Eng., next year, says an English trade journal. In commenting on the proposition this journal says:

"The announcement is an inviting one. Space will be found for the world's latest inventions and products in fine arts. The promotion is in the hands of exhibition experts and already plans and designs have been drawn out.

"If the scheme develops as planned the larger portion of the profits will be handed over to the local charities, and more especially to the hospital. There has been rather a plethora of exhibitions lately. What is wanted to make the proposed Manchester exposition attractive and popular is originality.

"The announcement that the promotion is in the hands of exhibition experts is satisfactory, to some extent, but to be useful to trade the exhibition should be fostered by Chambers of Commerce and manufacturers' associations."

### The Turquoise Mines of Texas.

THE turquoise mines in the Mineral Park country, Texas, are not doing much, but the companies are expected to put more men to work this Fall.

The work of the past two years has brought forth gems worth in the aggregate many thousands of dollars.

Where one was requested to make an offer for the sale of an article and did so by telegraph and the telegram as delivered was materially different from that delivered to the telegraph company for transmission, yet he is bound by the terms of proposal as contained in the telegram as delivered to the addressee. (40 S. E. Rep. 815.)

# SEVENTH CAPITAL,

## \$1,700,000.

### NATIONAL BANK,

### NEW YORK CITY.

EDWIN GOULD, PRESIDENT.

EDWARD R. THOMAS, } VICE-PRESIDENTS.  
WM. H. TAYLOR, }

GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR., VICE-PRESIDENT AND CASHIER.  
SULLIVAN & CROMWELL, GEN. COUNSEL.

#### ACCOUNTS INVITED.

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

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W. Nelson Cromwell, R. W. Jones, Jr.,  
Chas. E. Levy, Hugh Kelly,  
Alex. McDonald, Wm. F. Carlton,  
Samuel Thomas, Erskine Hewitt.

## The Mercantile National Bank

OF THE CITY OF NEW YORK,

BROADWAY AND DEY STREET,

Solicits Accounts from the Jewelry Trade.

## THE CHATHAM NATIONAL BANK, NEW YORK.

H. P. DOREMUS, Cashier.

GEO. M. HARD, President.

W. H. STRAWN, Asst Cashier.

376-378 GRAND ST.,

## The State Bank

NEW YORK.

SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

O. L. RICHARD, President.

ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



# READY for BUSINESS

A cordial invitation is extended to the

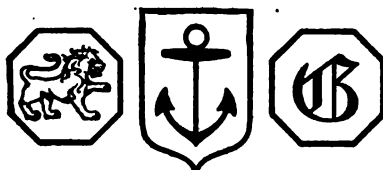
## JEWELRY TRADE

to visit our warerooms and inspect our new line of  
SAMPLES FOR THE FALL BUSINESS OF 1902.

¶ We have given special attention for many months past to the preparation for this year's greatly increased demand. Nothing has been omitted to make our line the most complete and extensive in the field as well as the most representative of the best traditions of the Silversmith.

TRADE-MARK

GRAND PRIX  
PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

## STERLING

¶ Every year's work demonstrates the increasing efficiency and individuality of our factory methods. Artist and artisan are in the closest relationship, and we take pride in having developed a distinct School of American Craftsmanship of the highest order.

¶ Our goods are not sold to Department or Dry Goods Stores.

¶ If you are not coming to New York our fall line may be seen at both of our western offices.

## GORHAM MFG. CO., *Silversmiths*

Broadway and Nineteenth Street, New York

BRANCHES: NEW YORK: 21-23 Maiden Lane; CHICAGO: 131-137 Wabash Avenue;

SAN FRANCISCO: 118-120 Sutter Street

WORKS: Providence and New York



### News Gleanings.

John Agrant, Sioux Falls, S. D., has returned from a trip to Chicago.

Fred Hamilton, Merrillan, Wis., will soon move his jewelry business to Athens, Wis.

H. C. Tapp has purchased the jewelry business of Adolph H. Pehrson at Mitchell, S. D.

Bowles & Boone, Porcell, Ind. T., have given a chattel mortgage for \$300 on a fountain.

It is reported that Ezra Nuckolls, Eldora, Ia., has purchased a jewelry stock in Grundy Center, Ia.

Herman Hiss, of H. Hiss & Co., Bay City, Mich., has returned from a purchasing trip to New York.

Chas. Graves, Ft. Wayne, Ind., recently paid a visit to his brother, William L. Graves, Greenfield, Mass.

Morris A. Schulze, son of W. Schulze, Mansfield, O., died recently at his home on E. 3d St., aged 33 years.

The South Bend Watch Co., South Bend, Ind., has awarded the contract for the erection of a new building.

L. Schaefer, Lakota, N. D., has engaged Martin J. Kaliher, of Princeton, Minn., as jeweler and optician.

A brick building is in course of erection at Palouse, Wash., which will furnish quarters for Z. M. Sever's jewelry store.

John W. Helfrich, Carrollton, O., has built an addition to his jewelry store, which he will use as an optical room.

The Howard Clock Co., Boston, Mass.,

is erecting a new clock in the tower of the Hunt Memorial Library, at Nashua, N. H.

E. M. Bradley, Burlington, Vt., has rented a store in Weedsport, N. Y., where he will open a jewelry and optical establishment.

Fred Jensen, Pöcähontas, Ia., has removed his jewelry store into a building which he recently purchased from W. D. McHuen.

T. S. Arthur, recently located in Fon du Lac, Wis., at the opening of his store, presented a handsome souvenir to each lady purchaser.

Christopher B. Beck, Dawson, Ga., left, last week, for Richland, where he will open a jewelry business. His family will follow him there very soon.

A. D. French, Dell Rapids, S. D., has removed his repair shop to his own residence, where he will continue his business until he can secure other quarters.

M. Kelly, Hazlehurst, Ia., is reported among the losers in a recent fire at that place. His loss is reported to be \$900, which is covered by \$700 insurance.

Peter Kuhn, recently with Hubert Zimmer, Poughkeepsie, N. Y., has secured a position with a firm in Wichita, Kan., and will leave for that place in a few days.

The marriage of David Prentke and Miss Hattie Morris, as announced in invitations sent out by Mr. and Mrs. Max Morris, took place Aug. 26 at 1135 S. Park Ave., Omaha, Neb.

Ferguson & Craig, Champaign, Ill., expect to move into their new quarters on Main St. in a few days. Their new

store is being thoroughly renovated and improved.

Frank P. Plummer, Dover, N. H., had exhibited in his display window the gifts presented at the Poverty Party recently given by the Climax Club at the Casino, Central Park.

C. Clark Jones, a former jeweler of Remsen, N. Y., announces that he will dispose of his business very shortly and accept a position in a jewelry establishment in Utica.

J. A. Buckmaster, a jeweler of Madison, Wis., was recently thrown from his bicycle while coasting down a steep hill. He sustained several severe bruises and was rendered unconscious by the fall.

J. L. Hicks, Fall River, Mass., has retired from business. Chas. E. Brown and Geo. E. Simmons, who were formerly with him, have opened a store at 93 South Main St. They have retained the Hicks trade.

It is reported that Poughkeepsie, N. Y., is to have a new town clock with an illuminated dial. The sum of \$800 is said to have been appropriated for this purpose. The awarding of the contract has not yet been announced.

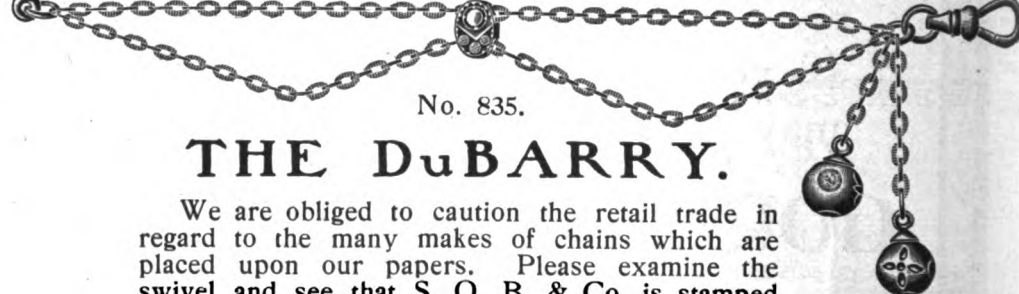
The store of J. L. Thuman, Evansville, Ind., was recently entered by burglars, who escaped with several valuable diamonds. It is reported that \$300 worth of diamonds, the exclusive property of a woman customer, were also taken.

L. Linford Bickings, Norristown, Pa., has just added a new burglar-proof safe to his establishment. The installing of the safe necessitated the enlarging of the store.



THE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect,

AS USUAL, WE LEAD.

S. O. BIGNY & CO.,

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.



# Fall Holiday Goods.

To our usual well assorted lines we have added many  
**NOVELTIES AND SPECIALTIES.**

## **Clocks,**

Gilt Regulators, Enameled Regulators, Traveling Clocks, Onyx, Bronze and Gilt and Porcelain Clock Sets, Hall and Mantle Chimes.

## **Bronzes,**

Busts, Figures and Groups in Art and Real Bronze. Vienna Bronzes.

## **Electric Bronzes and Chandeliers,**

## **Sèvres and Royal Vienna**

Plates, Vases, Fern Dishes, Etc.

## **Pottery,**

All the Leading Factories of Germany, Bohemia and Italy are Represented.  
Teplitz, Royal Bonn, Figures, Busts, Groups and Vases.

## **Bric-à-Brac,**

Enameled Vases on Copper and Silver, Miniatures, Carved Ivories, Photo Frames.

## **Marble Statuary,**

Busts, Figures, Groupes in Carrara and Castellina.

## **Bohemian Glass,**

Vases, Römors, Punch Sets, Liquor Sets, Tankards.

## **Pedestals,**

Paintings on Porcelain.

## **Oil Paintings,**

## **Tapestries,**

Antique Silver Goods.

# KAYSER ZINN.

## GLAENZER FRÈRES & RHEINBOLDT,

26 and 28 Washington Place,

NEW YORK.

PARIS HOUSE:  
GLAENZER & CO.,  
35 Boulevard de Strassbourg  
Established 1838.





## JUST OUT.

THE 1902-3 EDITION OF

*The Jewelers' Circular-Weekly*

# Vest Pocket Directory

of the Jobbers and Manufacturers in the Jewelry and Kindred Trades.

A HANDY, CLASSIFIED  
LIST FOR BUYERS.

Price 50 Cents.

The Jewelers' Circular Publishing Co.,  
11 John Street, . . . New York.

by tearing away part of the wall at one side, in order to get the safe into the building.

B. B. Witter, Keeseville, N. Y., has sufficiently improved in health to allow him to resume his business again.

S. Kochendarfer's jewelry establishment at Hollidaysburg, Pa., is being thoroughly remodeled and redecored.

William Lenz is erecting a new brick block in Osakis, Minn., and is putting in a stock of jewelry and notions.

Colonel George W. Borden, a well-known jeweler, of Jonesburg, Mo., died last week after several months' illness.

Fred C. Fagercrans, Topeka, Kan., will remove his jewelry store from 527 to 507 Kansas avenue in a few days.

Burglars recently plundered the jewelry store of A. F. Grosscup & Co., Altoona, Pa., of jewelry valued at \$100, and \$40 in cash.

Geo. R. Custer, of Kerper & Custer, Pottstown, Pa., is about to begin the erection of a fine modern dwelling on East High street.

J. T. Burke, Wilmington, N. C., last week sent by express to the city of Raleigh, an alligator nearly five feet long, which is to abide in Pullen Park.

H. Post & Son, Decatur, Ill., have purchased the jewelry store of W. R. Abbott & Co. The new purchasers contemplate entirely remodeling the store.

R. J. Taupert has purchased real estate valued at \$3,600 in Las Vegas, N. M., where he is engaged in the jewelry business. He gives a realty mortgage for \$1,000.

At attempt was recently made to break into Edward Mueller's jewelry store, Hamilton, O., by a man who, when arrested, gave his name as Jas. A. Crumshaw.

The store recently reported to have been opened by E. E. Esterly at Two Harbors, Minn., is merely a branch store of the firm of Harris & Esterly, Duluth, Minn.

Emil Weissbrod, of E. Weissbrod & Sons, Greenfield, Mass., was presented with a gold-headed cane by the employees of the firm on his recent return from Europe.

Arthur Grange, who has been in the jewelry business with a Mr. Thornton at Toulon, Ill., has purchased his partner's interest and will continue the business as sole owner.

Z. P. Hamilton, who has been conducting a jewelry store in New Market, Tenn., for some time past, contemplates going to Jefferson City, where he will enter Newman College.

A fire on the 27th destroyed the stock of Morgan James, a dealer in musical instruments and jewelry, Pocatello, Idaho. His loss is about \$4,000, and he carried no insurance.

John Lang, a jeweler of Atlantic City, N. J., and Robert Dunlop, of the Hotel Dunlop, recently raffled a diamond and ruby ring for the benefit of the Atlantic City Hospital Fund.

Miss Gertrude Gates, Hamilton, Ia., recently made a purchasing trip to Quincy, Ia., where she purchased some handsome show cases for the jewelry establishment which she is about to open.

The Syracuse Silver Plating Co. recently lost about \$1,000 by fire, which broke out in the premises occupied by them in Jefferson

street, an old building, known in the early twenties as the Kirk Tavern.

Julius Sauermann, Milwaukee, Wis., formerly of Oshkosh, has engaged in the jewelry business with A. Barstow, of the Oshkosh Jewelry Mfg. Co. The new firm is to be incorporated as a stock company.

About 500 girls, who are employed in the Elgin watch factory, Elgin, Ill., were among the marchers which Elgin sent to Aurora on Labor Day. The girls were dressed entirely in snow white gowns and carried white parasols.

Herman Kohn, Missoula, Mont., has filed with the district clerk an application to be appointed administrator of estate of the late Lee Kohn, jeweler, of that city. Hearing of application was set for Sept. 13. The value of the estate was placed at \$445.

L. W. Pennington, Worcester, Mass., has nearly completed a likeness of President Roosevelt. The picture is done in Poker etching and is about three-quarters life size. It is copied from a picture taken of the President in the uniform of a rough rider, by Pach, of New York.

C. A. Beghtol, Ogden, Utah, who recently had a large number of Elk ornaments stolen from his jewelry store, has taken a trip to Salt Lake City to see if he can identify any of the pieces of Elk jewelry which the Salt Lake City police captured a short time ago.

Harry S. Tuttle, Butte, Mont., was married on the 27th to Miss Christine Olsen. Mr. Tuttle was for several years manager of J. H. Leyson's jewelry house until two years ago, when he established the Tuttle Jewelry Co., of which he is the head. Mr. and Mrs. Tuttle will spend a few weeks in the east.

W. F. Hasinger, Blairsville, Pa., who recently sold his jewelry store to Prof. J. P. Archibald, has returned to Blairsville, after an extended trip to Mt. Pleasant, Connellsville, Greensburg and Pittsburgh. Prof. Archibald announces that he has resigned the principalship of the Derry Public School.

Word comes from Durango, Mex., that an American traveling jewelry peddler, who passed through Durango about four weeks ago on his way to mining camps, has been found dead in the mountains some distance from Papasquiera, the nearest railway point. He was murdered and robbed, as his jewelry pack is missing, and there is evidence of a desperate struggle in the place where the body was found. Nothing is known here of the man's home or relatives.

A man giving the name of Abe Rosenthal has just been arrested at Carlisle, Pa. He is believed to be Bernard Rosenthal, a former jewelry broker, accused of swindling a number of Kansas City, Mo., jewelry firms. He disappeared from Kansas City last March. Frederick M. Chamberlain, a wholesale jeweler, of Kansas City, who was one of Rosenthal's alleged victims, was among those who received information regarding the arrest. Rosenthal made Kansas City his headquarters for more than a year prior to March, 1901. He obtained goods from wholesale jewelry houses on consignment, and according to the firms which claim to have been defrauded, returned neither the goods nor their value in money.



## Tariff Decisions & Regulations

Among the decisions handed down during the past week by the Board of Classification of the Board of United States General Appraisers were the following:

Samstag & Hilder, New York, and others, protested against the decision of the collector with regard to the duty assessed on strung beads of metal, glass and paste; the decision of the collector was reversed and the merchandise found dutiable at 45 per cent. either under Par. 193 or Par. 112 of the Tariff Act of 1897.

Ferdinand Bing & Co., New York, imported from Italy statuary of marble or alabaster, which was assessed for duty at the rate of 50 per cent. ad valorem under Par. 115 of the Act of 1897, as manufactures of marble not specially provided for. The claims of the protestants were that the merchandise in question was dutiable at the rate of 20 per cent. ad valorem under Par. 454 of the Act of 1897 as statuary not specially provided for, or at 15 per cent. ad valorem under the reciprocity treaty between the United States and Italy.

The term "statuary" as used in this act is defined in Par. 454 to include only such statuary as is carved, or wrought by hand from a solid block of marble, stone or metal, and is the professional production of a sculptor only.

The Board quoted the decision of Judge Coxe, of the United States Circuit Court of Appeals, in the case United States vs. Townsend, in which it was laid down that merchandise of the nature in question, being the work of a professional sculptor, was entitled to entry under Par. 454 of the Act of 1897. Following this precedent, the decision of the collector was reversed with regard to a specified list of the statues shown to be the work of professional statuary or sculptors whose names were included in the report and the merchandise was declared dutiable at 20 per cent. ad valorem under Par. 454 of the Act of 1897, or at 15 per cent. ad valorem under the Italian reciprocity treaty, when the merchandise was imported subsequent to July 18, 1900.

Swayne, Hoyt & Co. and the Evard Marble Co. filed protests similar to Ferd. Bing & Co., and the same ruling was made in these cases.

J. C. Wiswall & Co. imported merchandise which was returned as pebble lenses and assessed for duty at 45 per cent. ad valorem, under Par. 109 of the Act of 1897, which provides for a duty of 45 per cent. on lenses of glass or pebble ground and polished, but with their edges unground, and for a duty of 45 per cent. and 10 cents per dozen pairs for like lenses with their edges ground or beveled.

The Board found that as the goods in question were not ground nor polished, but simply discs or slabs sawed out in the rough, and they were not classified under this paragraph. The importers protested that the goods were entitled to free entry under the provisions of Par. 507 or Par. 565 of the Act of 1897, as "glass plates or discs," or "Brazilian pebble, unmanufactured," respectively.

The goods were found to be classifiable under the latter paragraph, and the protest was accordingly sustained.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Krementz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

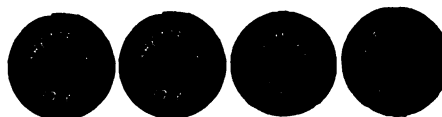
To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Krementz & Co., 49 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Krementz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Krementz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory.

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

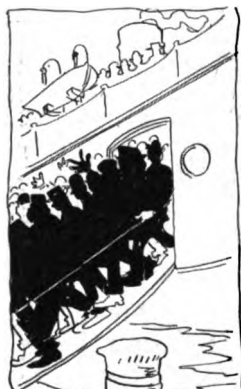
Selling Agents to Jobbing Trade.

NEWARK, N. J.



## Midsummer Outing and Clam Bake of the Philadelphia Jewelers' Club.

PHILADELPHIA, Aug. 27.—The Philadelphia Jewelers' Club had an opportunity yesterday, when the annual midsummer outing was given at Lincoln Park, on the Delaware, to demonstrate that its reputation for generous hospitality is well deserved. That the 150 members and guests eagerly availed themselves of this opportunity to sustain their reputation for the celebration of convivial joys and that their efforts were pre-eminently successful all who attended will enthusiastically attest.



The feature of yesterday's celebration was a genuine old-fashioned New England clambake. To many of the guests it was a unique entertainment, and to all it was delightful, even to those blasé travelers from New York and New England, to whom there is little that is new in the way of "spreads" of this or any other kind. But J. Warner Hutchins, L. P. White, William H. Long and John Lehman, had determined that an entertainment would be provided this year to please the most fastidious and esthetic taste of the club members. To learn how admirably they have succeeded one has only to ask any of the guests. The caterer, the sea food and all else pertaining to the clambake had been transported from Rhode Island. The clambake was in charge of E. D. Chase, a caterer whose reputation is almost national.

The club members gathered at the headquarters of the Jewelers' Club, 1225 Chestnut St., about noon, and proceeded to the Chestnut St. wharf in a body. Here a specially chartered steamer, *The Wm. J. Latta*, was in waiting, and about 1 o'clock the voyage down the river was begun. There was aboard refreshments adequate in quantity and quality to satisfy the appetite and thirst. A band of music industriously played, and from then on the flow of mirth and good fellowship was never interrupted.



The jolly load of pleasure seekers reached Lincoln Park after a delightful trip about 2.30 o'clock. This picturesque river side resort had been exclusively reserved for the jewelers, and when they arrived the caterer, Mr. Chase, and his assistants, were busily baking the clams and other sea food on a mound directly overlooking the

river. The curious method of preparing the succulent clam in this primitive way was a revelation to most of the guests, and they quickly gathered around the savory dish. On a table near by was brown bread and some appetizing liquors, for which there was a great demand, for the odor from the steaming dish had made the already hungry jewelers' hungrier than ever. The clams, lobsters, game and vegetables which had been dexterously arranged over the fire in layers with a species of sea-weed between each layer, had been steaming since 11 o'clock.

It was 3 o'clock when the guests sat down. Two long tables had been set on the porch of an old mansion house, and these were laden with the tasty dishes. According to the custom observed at clambakes, one steaming hot dish of clams, lobsters, etc., was served to every four guests, and it was amusing to see the diners, ordinarily dignified men of business, reach over the table, picking up lobsters and clams in their fingers and eating without knives and forks. Mr. Chase, the caterer, had instructed the club members that this was the proper thing to do, and they promptly fell to with a will.

During the course of the dinner there was music at intervals, singing by the guests in chorus, and addresses of an impromptu nature. Some of the club mem-



### A Ring Made From the Liberty Bell.

A RING made from a fragment of the Liberty Bell is owned by William B. Fry, of Drifton, Pa. This priceless relic, says the *Philadelphia Record*, is made from a piece of the metal that was cut away along the zig-zag crack of the Liberty Bell, with the idea that it would restore the tone of the bell. It is said that Joseph Bickley, a cousin of Mrs. Aurelia S. Fry, the mother of William B. Fry, was in charge of the bell at the time the attempt was made to restore its tone. He took the chippings and had this ring constructed out of them. In the year 1850, while Mrs. Fry was on a visit to the family of Mr. Bickley, in Philadelphia, the latter presented her with the ring, and naturally she guarded it with jealous care until on Christmas of 1893, when she presented it to her son, William B. Fry.

The ring also has a historic resting place. It reposes in a box made from a piece of timber taken from one of the beams that supported the floor of the old Zion's Re-

form Church, Allentown, when that edifice was razed to the ground in 1838. As well known, it was in this church that the bell was concealed in 1777, to protect it from the hands of the British troops, who would have considered it a feather in their caps of extraordinary size and brilliancy had they succeeded in effecting its capture. The late Mrs. Martin Weiser secured a block of wood from one of the beams. After her death it passed into the family of her son, the late Nelson Weiser, where it remained intact until the visit of the Liberty Bell, last November, when a piece was taken off, encased in a neat box and presented to Mayor Stuart, of Philadelphia, for the collection of relics in Independence Hall, where it is now on exhibition.

The dinner lasted four hours and it was nearly 8 o'clock when the men embarked on the steamer homeward bound. Hilarity reigned supreme on the return trip, and the laughing, singing and jesting could be heard from shore to shore. Upon the arrival in Philadelphia the party returned to the handsomely furnished rooms of the club, where an informal smoker was given which lasted until the wee small hours of the morning.



Among the guests were the following: Fred Clarkson, Henry Bodenheimer, Fred Bloch, Wm. P. Sackett, George E. Walton, S. K. Zook, Lancaster; Chas. M. Evans, Reading; F. B. Hurlburt, Wm. H. Thompson, C. P. Ruchdeischel, Wm. Wood, Chas. Walton, Harry Larter, H. B. Stainger, R. C. Green, Jr., E. T. Davis, John Lehman, J. W. Hutchins, W. R. L. Fullerton, Wm. H. Long, L. P. White, Wm. Linker, A. Ruth-erford, T. Zurbrugg, H. W. Walkin, F. Ruchdechel, F. B. Faulkner, J. G. Hall, E. F. Sharpe, J. R. Goodwin, E. H. Eckfeldt, H. Euler, Geo. W. Reed, N. B. Eltinge and several others.

The purchaser is not bound to accept goods of an inferior quality and after rejecting them he may, in the absence of specific instructions, take such steps in the disposition of the goods as may be expedient to save the seller unnecessary loss. (89 Mo. App. 1.)



# Mechanical Die Cutting Machine

**FOR MANUFACTURING JEWELERS,  
SILVERSMITHS AND DIE CUTTERS.**

It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.



ON EXHIBITION AT

## DEITSCH BROS.,

14 East 17th Street,

NEW YORK.

### HIGHEST PRICES

PAID FOR

### American Pearls

**MAURICE BROWER,**

12-16 John St.,

New York.

### GEO. P. GAYDOUL,



Gold Pen Manufacturer,

17 JOHN STREET, NEW YORK.

Gold Pens Repaired, Repointed and  
Returned the Day Received

INDISPENSABLE TO THE RETAIL JEWELER.



**Wells' Perfect Self-Conforming Ring Ad-  
juster.** It can be fitted by a jeweler in 5  
minutes. Ask your jobber for it, or I  
will send prepaid at once (only on re-  
ceipt of price) 1 doz. asst. sizes, solid 10  
K. gold, \$3.75, or 1/2 doz. asst., \$2.00; 1  
doz. metal asst., 85c. For samples a  
medium large size gold and large size  
metal for 50c. Address **CHESTER H.**

Pat. U.S. & Can. **WELLS, Jeweler, Meckoppen, Pa.**



## American Clocks

IN IRON, BRONZE, GILT,  
WOOD, ETC.

### F. KROEBER & CO.,

14 Maiden Lane,  
NEW YORK.



### Hand Carved Ring Mountings

SET RINGS.

IN 10 K. AND 14 K. GOLD.

DIAMOND JEWELRY.

## KLEIN BROS.,

9-11-13 MAIDEN LANE,

NEW YORK.







WRIST BAG, No. 425.

Pioneer in the making of American Gun Metal.  
Also a fine line of the same articles in silver and gold.

**J. N. PROVENZANO,**  
MAKER, 114 E. 14 Street, NEW YORK.

# Gun Metal.

**CHATELAINE BAGS.**

**WRIST BAGS.**

**PURSES.**

**DRAW-STRING BAGS.**

*Lorgnettes, Lorgnette Chains*  
of every description.

*Cigar, Cigarette and Match*  
*Boxes.*

*Hat Pins, Fobs, Lockets and*  
*Card Cases.*

*Belt-Buckles, Belt and Chat-*  
*elaine Pins, Link Buttons*  
in great variety.

*Umbrella and Cane Handles.*

## Connecticut.

The Waterbury Cutlery Co. contemplates making extensive alterations and improvements in its factory.

C. Tiffany, Hartford, a distant relative of the late Chas. L. Tiffany, was present at a recent reunion of the Tiffany family held at Hartford.

The R. Wallace & Sons Mfg. Co., Wallingford, has decided henceforth to run its German silver hollow-ware branch on 12-hours' time.

Col. Watson J. Miller has just returned from his Summer vacation and resumed the management of the Shelton factory of the International Silver Co.

The platers of the flat ware department of Factory E, of the International Silver Co., last week began working 13 hours, owing to the rush in the flat ware line.

Ernest R. Haase, salesman for Strauss & Macomber, New London, was badly bitten, last week, by a dog, which attacked him as he was alighting from a trolley car.

Clarence E. Breckenridge, manager of the International Silver Co.'s New York office, and a former resident of Meriden, is now one of the Republican leaders in New Jersey. Some of the old residents of Meriden predict a candidacy for Governor of New Jersey for Mr. Breckenridge.

H. J. Dunlap, last week, was taken suddenly ill at his establishment on Maple St., Naugatuck. A customer who entered the store found him sitting in a chair almost unconscious. A physician was summoned and Mr. Dunlap was removed to his room, where he recovered after treatment.

D. Burton Rogers, Danbury, State Department Commander of the Grand Army, is making a tour of the State inspecting Grand Army Posts in every hamlet and city for the purpose of determining the condition of the organizations of veterans in Connecticut.

Maoro Candito, employed by Guiseppe Calo, jeweler, of 632 Bank St., Waterbury, who was recently reported to have gone away with \$400 worth of jewelry belonging to Calo, returned to Waterbury, Aug. 27. It is stated that Candito merely took the money with which to replenish his employer's stock.

In honor of President Roosevelt's recent visit to Meriden, the factory buildings of the International Silver Co. gave a display of over 1,000 flags. The main office was handsomely decorated with a large flag draped about the windows and entrance. A flag extended from each window, producing a tasty effect.

The partnership of Porter & Dyson, New Britain, will be succeeded about Sept. 1 by a stock company, with a capital of \$10,000. The positions of P. W. Porter and Geo. Dyson will remain unaltered, and Mortimer G. Porter, the son of P. W. Porter, will be added to the firm. The business has been carried on in the present shop since 1825, when it was established by William Burnham North, who was born Dec. 6, 1797, and died in 1838.

A man who represented himself to be a tobacco salesman, last week entered the store of the Upson Jewelry Co., Waterbury, and after purchasing jewelry to the

When Bismarck was minister to Paris in 1863, he gave this precise exegesis of the character of Napoleon III.

"He's a great unrecognized incapacity." Now that's the verdict which must be placed on most Gold filled Chains. They are great incapacities, and are used only because their incapacity is unrecognized. In the meantime

# CHAINS R & D CHAINS

have been forging ahead and coming constantly into larger recognition as the Chains of greatest capacity.

## RODENBERG & DUNN,

FACTORY:  
183 Eddy Street,  
Providence, R. I.

NEW YORK OFFICE,  
9-11-13 MAIDEN LANE.



value of \$15, tendered in payment a check for \$25, and received the balance in cash. The check bore the signature of a well-known New Britain man and there was no doubt as to its genuineness, as the same signature had come into the company's store before and had never failed to produce cash. A slight blur, however, was afterwards noticed on the section of the check where the amount had been placed. An investigation showed that the check was all right with the exception that instead of being good for \$25, it would be honored for only \$2.50 at the bank. The check raiser has not been taken into custody.

### Optical Notes and Briefs.

(Additional Optical News on page 79.)

H. B. Rubin, who had been doing business in Middletown, Pa., the past two weeks, has gone to Hanover, Pa.

C. M. Hawks, optician, Dayton, Ia., has moved into newly furnished quarters in the Frederickson building.

H. U. Rogers, optician and jeweler, Waseca, Minn., has just returned from a purchasing trip to Chicago, Ill.

Dr. Tuttle, oculist, Helena, Mont., is treating W. Chamberlain, of White Sulphur Springs, Mont., who intends remaining in Helena for a few days.

E. L. Egolf, Harrisburgh, Pa., has returned with his father from a week's automobile trip, during which they covered 350 miles. They went as far as Williamsport, and visited Highland Lake, Muncy, Sunbury and other places.

W. C. Maynard, optician, has opened a store in a building on Avenue B at Miami, Fla. Mr. Maynard started at Miami three years ago, but was diverted to Kissimmee, yellow fever being then at Miami, and had remained at Kissimmee since then.

Chas. E. Baab, Weston, W. Va., has rented a storeroom in the Bank Block Investment Co.'s new building at the corner of 7th and Market Sts., Parkersburg, W. Va., where he expects to open a first-class jewelry and optical store about Dec. 1, 1902.

In about a week E. L. Egolf, Harrisburgh, Pa., will be ready to manufacture toric lenses on his ten machines, which he expects to increase to 25 inside of a month. These machines are of a special type designed by Edward Baum, Harrisburgh, Pa., secretary and treasurer of the company. It is said that one man and four boys can handle 100 of these machines. The company will do other optical work, but will make a specialty of the toric lenses.

WHAT YOU CAN DO WITH

## A Sterno-Inferno Burner

You can boil, you can bake,  
You can broil, you can stew,  
You can re-chauffer fowl,  
You can fricassee, too;



To fry and sauter  
In due time you will learn  
The Lamp made by Sternau  
Still holds out to burn!

Have you seen our new Fall line  
of Chafing Dishes with  
"STERNO-INFERNO"  
BURNER?

If not, write for Catalogue No. 18.

### S. STERNAU & CO.,

204 CHURCH STREET (COR. THOMAS), NEW YORK.

## Fine Leather Goods.

Our Holiday Line will be on exhibition  
at the Palmer House, Chicago, Room 546,  
from Sept. 19th to Oct. 18th.



**O. F. RUMPP & SONS,**  
PHILADELPHIA.

ESTABLISHED  
1850.

New York Salesrooms, 683 & 685 Broadway (cor. Third St.)  
Send for new illustrated catalogue.



# DEITSCH BROS.,

## MAKERS OF FINE LEATHER GOODS,

ALSO

IVORY, EBONY AND SHELL,

14 East 17th Street,

NEW YORK.





VOL. XLV.

CHICAGO, WEDNESDAY, SEPT. 3, 1902.

No. 5.

### Chicago Notes.

A. Hahn, Durango, Col., was among the buyers here last week.

J. A. Dallas recently opened a store at 131 N. Park Ave., Austin, this city.

W. M. Stone, Minneapolis, Minn., paid his annual visit to this city during the past week.

Will H. Beck, of Sioux City, Ia., was in Chicago looking up his old friends last week.

H. A. Reinhard, with the Juergens & Andersen Co., left, Thursday, for an extended trip west.

E. G. Tuerk, of the advertising department of A. C. Becken, is spending a couple of weeks' vacation in Iowa.

W. E. Fellows and wife, of Flint, Mich., stopped over at Chicago last week, while en route to Salt Lake City.

J. S. Peringer, of J. S. Peringer & Co., accompanied by his wife, visited various members of the trade last week.

William H. Vogel, western representative for Alfred H. Smith & Co., returned, Monday, from a short vacation.

J. R. Reeves, Mount Pulaski, Ill., accompanied by his bride, paid a visit to the Chicago trade while on his wedding trip.

M. Goldsmith, of Goldsmith Bros., leaves this week for Dakota, where he will enjoy a couple of weeks' prairie chicken shooting.

Julius Schnering, manager for Otto Young & Co., is stopping at Plattsville, N. Y., where his family have been spending the Summer.

G. W. Bleecker, western representative for Martin, Copeland & Co., left, last week, for a two weeks' trip to Kansas City, St. Paul and Minneapolis.

"Budd" Carr, manager of the material department for Lapp & Flershem, is spending his vacation on his fruit farm up the old St. Joe river in Michigan.

B. B. Gragg, formerly with the Terry Jewelry Co., Terry, S. Dak., who opens a store at Brook, Ind., early this month, was in the city last week making purchases for his business.

The marriage of William Murray Davidson, manager for J. W. Forsinger, and Miss Carolyn Blanche Thompson was celebrated, Wednesday night, at St. Bartholomew's Episcopal Church, Normal Park. It was a most brilliant affair and largely attended by South Side society.

Among buyers in town last week not elsewhere mentioned were F. W. Wilson,

Port Huron, Mich.; E. H. Clopper, Polo, Ill.; L. M. Guess, McComb, Miss.; Jacob Reichstein, Springfield, Ill.; E. B. Sherman, Grayslake, Ill.; Henry G. Knecht, Evansville, Ill.; J. A. Eyman, Argenta, Ill.; D. S. Jones, Independence, Ia.; J. G. Mines, Wayne, Neb.

### St. Louis.

#### TRADE CONDITIONS.

The retail jewelry trade still continues good, with a noticeable better demand for jewelry than last week. The wholesale trade also continues excellent. The salesmen who are on the road are sending in good orders and report the outlook very good for business later in the year.

Morris Bauman, of the L. Bauman Jewelry Co., is still on the road in the west, for his firm.

Max L. Weiss, of the Weiss Jewelry Mfg. Co. and family, who have been making a tour of Europe, have returned.

August Kurtzeborn, Sr., of A. Kurtzeborn & Sons, returned recently from an eight weeks' trip to the lakes.

Otto Kortkamp, of the E. H. Kortkamp Jewelry Co., is enjoying a few weeks vacation at Elkhart Lake, with his wife and family.

Sam. Heetveld, manufacturing jeweler, has returned from a trip to the Pacific coast, where he went with the Knights of Pythias.

E. C. Weidlich, of Wm. Weidlich & Bro., leaves to-day for a trip through the west on business. His first stopping place will be Kansas City, Mo.

Samuel Campbell, for many years employed as engraver by the Mermod & Jaccard Jewelry Co., died recently, after a lingering illness, aged 29 years.

Among the out-of-town jewelers who were here last week were Mr. Hart, of Hart & Parker, Shreveport, La.; Mr. Lowe, of Lowe & Youngblood, Monroe, La.; Geo. A. Pfaffle, Greenville, Tex., who is on his way home from a tour of the east, and Vincent L. Prevallet, Perryville, Mo.

Members of the Eisenstadt Base Ball Club were guests at a banquet given at the Mercantile Club, Thursday night, Aug. 28, by Messrs. Morris and Sam Eisenstadt, after whom the club was named. After the banquet they lingered around the festive board and told funny stories. The management then escorted the players to the Columbia Theatre, where they enjoyed the performance.

### Indianapolis.

George Dyer has recently taken the position of watchmaker with Wm. J. Eisele.

Jos. E. Reagan and family returned from their Summer home at Ludington, Mich., Sept. 1.

Anthony Kehl's store, at Connersville, was recently entered by a thief, who secured \$60.

Silas Baldwin and wife will occupy handsome apartments in the new "Cambridge" on N. Penn St.

Christopher Bernloehr and wife are touring in the east. They will visit many places of interest.

John A. Dyer, engraver for Chas. Mayer & Co., and his brother, Charles, jeweler, are taking a trip down White River in a canoe.

Carl L. Rost, 17 N. Illinois St., is advertising an "Expansion Sale." Two years ago Mr. Rost moved from Crawfordsville, Ind., and in that time his business has outgrown its present quarters, and to secure more space he is building a balcony across the rear end of the store room.

The next meeting of the Indiana Retail Jewelers' Association has been called for Sept. 17, at Indianapolis. The above date was chosen, as it comes in State Fair week, when all railroads have reduced rates and many of the State jewelers select that time to visit the city and do holiday trading.

Harold Smith, who, one year ago, stole \$2,500 worth of diamonds from J. M. Washburn, of the Washburn Jewelry Co., Anderson, Ind., and who has since been incarcerated in Jeffersonville, Ind., prison, was last week given the full penalty of his offense, which is 14 years, for stealing from the warden and other officials at the prison.

Harry Williams, 35 years old, was sent to the Grand Jury, Aug. 27, under a charge of burglary and housebreaking. Williams was arrested at 2 o'clock on the morning of Aug. 27, while attempting to force an entrance into the jewelry store of Edward G. Gardner, on the second floor of the Hubbard Block, corner Meridian and Washington Sts. The detectives had been notified of frequent attempts at burglary at Gardner's store, and consequently were on the lookout. After a hard fight for ten minutes Williams, who is a man of powerful build, was overcome and taken to the police station.



Raton, New Mexico.  
*Gentlemen:* Your check of \$30.80 received and is satisfactory. Thanks.  
 Respectfully yours,  
 FAIRBANKS & Co.

Allegan, Mich.  
*Gentlemen:* Your check received and is entirely satisfactory.  
 Respectfully yours,  
 THE VOSBURGH Co.

Ann Arbor, Mich.  
*Gentlemen:* Yours with check for \$26.47 at hand. I am well satisfied with the report.  
 Respectfully yours,  
 GEORGE MULLER.

Eldon, Iowa.  
*Gentlemen:* Yours received with draft for \$18.32 is entirely satisfactory. Cannot be otherwise when I send old gold to you. Thanks for same.  
 Yours truly,  
 C. E. ABBOTT.

Valley Center, Kansas.  
*Gentlemen:* Am more than pleased with the amount sent for old gold. Please accept my kindest regards.  
 Respectfully,  
 J. F. WALDEN.

New Orleans, La.  
*Gentlemen:* I received your check for \$29.32 and notify you that it is entirely satisfactory.  
 Yours respectfully,  
 BERNARD BARRY.

Nashville, Tenn.  
*Dear Sirs:* Yours containing check for \$117.37 received and entirely satisfactory. Many thanks for your prompt and careful attention.  
 Respectfully,  
 SOL. KLEIN.

Fort Worth, Texas.  
*Gentlemen:* Your check received. I am perfectly satisfied. You gave me all it was worth at the mint.  
 Yours truly,  
 ARTHUR SIMM.

Effingham, Ill.  
*Dear Sirs:* Your check to hand, and I am well pleased with the amount you allowed me for the old gold.  
 Truly yours,  
 M. CRAMER.

Big Rapids, Mich.  
*Gentlemen:* Your check for \$18.00 received, and I am well pleased, as it was more than I expected for the case.  
 Yours truly,  
 L. C. HODSKEY.

## This is our Gold Buyer.

We want your old gold and silver and will make every effort to give you satisfactory returns. "Long experience, accurate valuations, prompt returns, shipment held subject to your acceptance, returned at our expense if our offer should not prove satisfactory," are a few of the inducements we hold out to you. Why not make us a trial shipment?

## GOLDSMITH BROTHERS, SMELTERS, REFINERS AND ASSAYERS,

Office, 63 and 65 WASHINGTON STREET,  
 Works, 58th and THROOP STREETS, CHICAGO, ILL.



**JOBBER STONES. LAPIDARY WORK.****TURQUOISE.****DOURLETS.****WE  
BUY  
AND  
SELL****PEARLS****HERMANN & CO.,****MASONIC TEMPLE, CHICAGO,  
PRECIOUS AND IMITATION STORES.****FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.****No. 809—131-137 Wabash Ave., Chicago.**

Eastern Branch, 51 Malden Lane, New York.

**BEST PRICES PAID FOR PEARLS.****F. C. KLEIN.****EMIL KLEIN.****F. C. KLEIN & BRO.,****126 State St., CHICAGO.****Steam  
Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters,SPECIAL ORDER AND JOB WORK  
A SPECIALTY.**80 E. Madison St., Chicago.****AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

**1618 MASONIC TEMPLE, CHICAGO.**Diamonds, Special Bargains on Approval. 1 Carat,  
\$50.00. Recutting. Fine Mountings. Try us.  
80 Madison St., Chicago.**An Economical Luxury.**CHEAPEST IN EXPENSE, MOST SATIS-  
FACTORY. SEARCH-LIGHT VAPOR LAMPS  
FOR ANY USE. ARE RIVALLED ONLY BY  
SUN LIGHT.

Search-Light Mfg. Co., 182 Division St., Chicago

**Minneapolis and St. Paul.**

C. M. Thomson, of H. Birkenhauer & Co., Minneapolis, has returned from a brief trip to Milaca, Minn., for a little outing with his family.

Among the country dealers in the Twin Cities last week, were L. O. Hulberg, Northfield, Minn.; Fred. H. Towne, Sisseton, S. D., and Lucien Diacon, Chaska, Minn.

A number of the leading retailers of St. Paul and Minneapolis have closed their stores during the Summer at 6 o'clock on Saturday evenings. They feel well satisfied with the result.

W. H. Bullard, of Bullard Bros., retailers, of St. Paul, has returned from a trip to Prairie du Chien, Wis., where he purchased pearls and slugs. He secured one pearl weighing 34 grains, for which he paid \$1,500.

The Minnesota State Fair, exhibiting at Hamline, between Minneapolis and St. Paul, Sept. 1 to 6, has a fine exhibit of fresh water pearls and jewelry made from pearls and slugs from the Mississippi river and other streams.

**Kansas City.****TRADE CONDITIONS.**

The weather for the past week has been quite unsettled, ranging from extremely hot to decidedly chilly, with some rain. The retail trade has been moderate, but the wholesalers are almost too busy to talk to reporters. An immense cotton crop in Oklahoma and a record-breaking corn crop in Kansas are positive facts, now assured beyond any doubt. With this fact in sight, the retailers in all lines of business in this territory are laying in immense stocks of goods in anticipation of a booming Fall trade. The manufacturing jewelers are working night and day, trying to keep up with the large Fall trade, which has just begun.

Arthur Fuhrman, of Stuhl, Hassig & Krieke, is away on a vacation.

**Watch Case Makers.**

A man of 20 years' experience in the business, well known to the trade, at present holding a position of responsibility, would like to hear from a firm who requires services of a first class mechanic and strictly business man as superintendent. Interview can be had in Chicago. Address

**"WATCH CASES."**

Care of Jewelers' Circular-Weekly.

Herbert Koppel, of the Meyer Jewelry Co., is confined to his home through illness.

The Meyer Jewelry Co. expects to start work in a few days to enlarge its quarters. A large room 40 x 60 feet will be added to the rear of the building.

Alfred Winkler, son of Frank Winkler, Kansas City, Kan., and employed by Stuhl, Hassig & Krieke, had his nose and shoulder broken in the fatal accident on the union depot cable incline last week.

Among the out-of-town merchants who visited the trade last week were: J. W. Phillips, Chanute, Kan.; G. D. Roberts, of Roese & Roberts, McCune, Kan.; Clement A. Clement, Springfield, Mo.; H. W. Tibbals, Oskaloosa, Ken.; A. B. Phinney, Overbrook, Kan.; L. E. Anderson, Guthrie, Okla.; G. E. Plummer, Grand View, Mo.; T. S. Lidstone, Dearborn, Mo.; Wm. E. Crellin, Chillicothe, Mo.; E. L. Askran, with P. D. Bonebrake, Holton, Kan.; A. H. Pendergrast, Golden City, Mo.; C. E. Nelson, Cameron, Mo.

**Pittsburgh.**

W. G. Ingham, of G. B. Barrett Co., has returned from Atlantic City.

C. Spandau, of Spandau Bros., is spending a vacation at Atlantic City.

A. A. Gillespie, of Gillespie Bros., is home from a trip through the west. He spent part of the time at Put-in-Bay, but had to defer the pleasure of an eastern trip until later in the season.

Miss Katherine A. Ford, cashier for L. W. Vilsack & Co., has returned from a vacation she spent at Ligonier and the mountains. Anthony Larney, with the same firm, who has been east on a vacation since June, is now at Atlantic City. He will return to work shortly.

**Cleveland.**

Isaac Ginsburg and David Lightman, Woodland Ave., jewelers, are looking for a Hungarian whom they employed to sell jewelry and who has disappeared with a large amount of goods in his possession.

Captain R. E. Burdick is president of the Clifton Club, which is about to build one of the finest club houses in the city on a

**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**Order direct from us and get "HIGH  
QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.Columbus Memorial  
Building,**103 State St., Chicago, Ill.**

Trade-Mark.

Room 260  
Columbus  
Memorial Building**103 State Street  
Chicago, Ill.****EUROPEAN OFFICE**Dorus Van Praag  
9 Rue Milton**PARIS, FRANCE**



bluff overlooking the lake and the Rocky river valley.

Moritz Bernstein, for many years a prominent jeweler in Cleveland, died at his home, 337 Kennard St., Friday, of apoplexy. Mr. Bernstein was 51 years old and was born in West Prussia. He came to America when a young man and lived for a time in Erie Pa., later traveling for his own house in this city.

### Cincinnati.

W. C. Carroll, Lebanon, Ky., visited this city last week.

Gebhardt Bros. report they are running their full force getting out holiday stock.

A half-tone portrait of Simon Sommers, of Bene, Lindenberg & Co., appeared in the *Commercial Tribune*, last week.

Mr. Walton, of the Wadsworth Watch Case Co., has just returned from a trip, and reports trade to be very good.

Theodore Neuhaus & Co. have again secured the contract for the jewel to be worn by the officers and directors of the Fall Festival, which takes place here September 15 to 27.

Mr. and Mrs. Uriah Schwabacher, Bessemer, Ala., were in the city last week, visiting the trade. They stopped over in the city on their return from Niagara and other eastern resorts.

It is reported from Defiance, O., that Fred H. P. Lowe, a former prominent resident of that place, now under arrest there, is charged with swindling by a number of jewelers in this section of Ohio.

S. Sommers, of the firm of Bene, Lindenberg & Co., returned from Elkhart Lake, Wis., last week, having spent the months of July and August at that resort with his family. Edward F. Hirsch, of the same firm, will spend his vacation at a western resort, and will leave about September 8.

### Columbus.

Andrew Morden sold a presentation watch to the Ohio Inspection Bureau, which

is intended as a present for Mr. Cochran, the retiring manager. The watch is a split second, and worth \$375.

E. J. Goodman returns from the east this week, where he has been for some time on a purchasing trip.

### San Francisco.

#### TRADE CONDITIONS.

The outlook for a big Fall business is good. The great influx of people on account of the Knights of Pythias' celebration has livened up the jewelry stores for the last two weeks, but it is the steady growth of business for months back that gives the jewelers a bright outlook. There seems to be a special run on clocks at present, those having the celluloid columns in imitation of onyx being especially popular. Jewelers are pushing novelties in silverware and aluminum. Quite a demand for the latter goods has been created. There are but few eastern traveling men here now, their Summer season being over.

E. E. Wood, Modesto, Cal., has just issued invitations for his marriage to Miss Minnie Scon.

The Roy Jewelry Co., on Kearny St., has put in a neat and attractive show window at an expense of about \$1,500.

Mr. Becker, for many years manager of the San Francisco Diamond House, is taking a vacation, hunting and fishing along the Eel River.

J. Jacobs, Sutter St., has just recovered from a brief illness. He is now spending a short vacation in the country, accompanied by his wife.

Henry Wolff, of the Henry Wolff Co., wholesalers at 120 Sutter St., is traveling through Arizona and New Mexico, and will be away for five or six weeks.

Among the country jewelers who were in the city during the past week were P. M. Gardner, Union, Ore.; Mr. Palmer, of Palmer Bros., Baker City, Ore., and H. L. Emmons Sisson, Cal.

M. Engleman, a prominent diamond broker of Paris, is in the city, where he came to marry Miss Viola Rafael, a sister of Mr. Meyers, of the San Francisco Diamond House. The marriage takes place to-day. The couple will reside in Paris.

R. D. Fulford, Butte, Mont., formerly

## Jewelers' Show Cases.



Our Small  
ROSEWOOD  
MOULDING

**STEEL LINED CASE.**

We Challenge the World to Produce a  
Better Case.

**F. C. JORGESON & CO.**

31 and 33 INDIANA ST., CHICAGO,

Makers of all Kinds of

**Jewelers' Fixtures.**

OUR MOTTO: The Best of Everything.

## "THE EBONY KING."

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the  
United States.

Prices positively the lowest.  
Send for illustrated catalogue.

**Fine Fans and Jewelry.**

## "Practical Course in Adjusting."

Just Issued. Price \$2.50.  
All Jobbers or Jewelers' Circular Pub. Co.

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

**509-511-513 Race St.,**

**CINCINNATI - - - OHIO.**



**Drackett, Clock & Jehllinger,**

SUCCESSORS TO

**DRACKETT & JEHLINGER**  
JEWELERS—CHICAGO

92-98 State St.

20th  
Century  
Concern.**NOW READY**

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett, Clock & Jehllinger,**  
JOBGING JEWELERS,  
Stewart Bldg., CHICAGO.

**Cash Paid  
for Stocks.**

Send for our new  
1902-3 illustrated  
catalogue of dis-  
continued move-  
ments and cases.  
It will interest  
you. ۞ ۞ ۞ ۞ ۞ ۞

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

a salesman for the Baldwin Jewelry Co., is now located with Brittain & Co., at 120 Geary St.

The San Francisco branch of the Holmes & Edwards Silver Co. is in receipt of a large stock of rolled plate and silverware in the attractive Butler finish.

W. B. Glidden, wholesale silverware dealer on Sutter St., has two men out on the road, one in the northwest and one in the south. Both report brisk trade.

J. B. Whitney, of 120 Sutter St., has secured the agency for the aluminum novelties of E. A. Fargo & Co. He is now getting these out in souvenir lots containing half-tone pictures of the State Capitol at Sacramento, Fort Sutter, the Cliff House at San Francisco, the Golden Gate, the Lick Observatory, and the Natural Bridge at Santa Cruz, besides a large number of stock views.

It has just been made public that Reuben Mendelsohn, a jeweler of 1213 Market St., was assaulted and robbed during the noon hour about three weeks ago. Mr. Mendelsohn is an old man, and was alone in his store when the robbery occurred. He was engaged with his stock, his back being turned toward the door, when some one rushed in and dealt him a heavy blow on the back of the head. A serious scalp wound was inflicted, and the jeweler fell to the floor unconscious. When he regained his senses he found that he had been robbed of about \$300 worth of jewelry. No clew to the robber has been found.

**Pacific Coast Notes.**

G. V. Heimbach, Hollister, Cal., made a short trip to San Francisco last week for pleasure and business.

L. S. Van Antwerp, Whittier, Cal., reports finding a valuable piece of jasper in the hills near that place.

C. O. McCarroll, one of the directors of the San Diego Tourmaline Co., is now in San Diego, Cal. He gives glowing accounts of the tourmaline deposits of Mesa Grande.

Reports just received from Sydney, Australia, show that 21 tons and 19 cwt. of pearl shells, 138 pounds of turtle shell, 22 tons, 17 cwt. of beche-de-mer, and 18 tons of green snail shells were exported from the British Solomon Islands during last year.

Kuhn & Komor, a prominent jewelry firm established at Yokohama, are the designers of a large Japanese bronze statue which has just been added to Stanford University. The figure stands 10 feet high and weighs over 2,000 pounds. It is surmounted by a great eagle, whose outstretched wings measure eight feet from tip to tip. Around the base of the figure, which is of roughened bronze, shaped to represent a huge moss covered stone and circled with ivy is a group of scampering monkeys, in all sorts of grotesque attitudes and postures. This piece of bronze work was much admired by Admiral Dewey during his brief stay at Yokohama.

**Pacific Northwest.****TRADE CONDITIONS.**

Business throughout the jewelry and optical trade continues good. Dealers are preparing to make special window displays during the Elks Carnival. The Committee on Decorations have offered prizes for the best decorated store windows during the carnival. Crop reports from most sections are still very satisfactory and everything points to an exceptionally good Fall trade.

A. E. Sever, Palouse, Wash., has commenced the erection of a new store.

The police of Salt Lake City, Utah, have made quite a round up of "phony" jewelry sellers, who endeavored to make that city a headquarters during the Elks' convention.

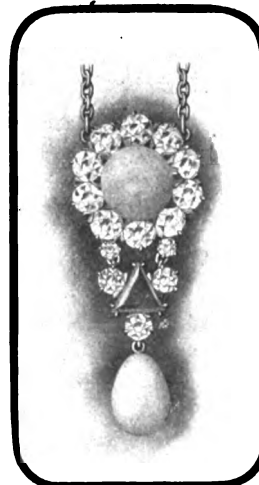
There is a movement on foot to form a watchmakers' union in Portland, Ore. There are quite a few representatives of this profession here, and it is believed an organization of some strength could be instituted.

Jeweler Louis Vial, Weiser, Idaho, has on exhibition in his window a clock that runs 400 days without winding. The clock

ESTABLISHED 1864.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.



is the first of its kind seen in that section. It is a prize won by Frank Lund of Mann Creek in the San Francisco *Examiner* prize distribution.

A. Letcher, Grant's Pass, Ore., will remove to a new location next month.

Dr. Ingalls, Portland, eye specialist, was a visitor at Moscow, Idaho, last week.

R. F. Winslow, a recent arrival from Newberg, Ore., is preparing to establish a jewelry business at Roseburg, Ore.

George Savage, pioneer jeweler of Kettle Falls, Wash., was seriously hurt near his home in that city in a runaway accident.

### Detroit.

G. W. Lowrie, who recently went to Toronto, Ont., has returned to his old location at 431 Grand River Ave.

The entire clock system of the Central High School is out of gear, and the Self Winding Clock Co., which installed the plant, will send an expert from Brooklyn, N. Y., to repair it.

Charles W. Warren and Frank R. Fitch returned from New York last week, where they purchased a stock for the new jewelry store to be opened on Sept. 15 in the Arcade Block under the firm name of C. W. Warren & Co.

An effort will be made to organize the Detroit retail and wholesale jewelers at the Hotel Normandie on Sept. 23, when there will be a reunion of the veterans of the Spanish-American War of the United States.

Among the representatives of wholesale houses who recently visited the trade in Detroit, Mich., were the following: Herbert C. Walsh, Sansbury & Nellis; Walter S. Strauss, Jacob Strauss & Sons; B. Frank Hodgins, Snow & Westcott. A large number of travelers have sent cards notifying retail dealers that they will be here during September with sample cases.

### Louisville, Ky.

#### TRADE CONDITIONS.

On account of the unusual cool weather for August, there has been quite a little business doing the past week.

Leonard Huber is at Atlantic City for the Summer.

Ben Brunn has opened a new store on Jefferson St., between 4th and 5th Sts.

Thalheimer & Frank have enlarged their store to twice its former size and have put in new wall cases and counters.

Geo. Wolf, who surprised all his friends by marrying in Denver last week, returned home, Thursday, with his bride.

The firm of Letzler, Schultz & Co., manufacturing jewelers, has been succeeded by Letzler, Lorch & Co., Chas. Schultz retiring from the old firm.

Harry W. Pidgeon, formerly superintendent of the Vermont Clock Co., Fair Haven, Vt., has resigned his position to accept a similar one with the American Clock Co., Chicago, Ill.

Harry Le Fever, Kingston, N. Y., who formerly conducted a jewelry store on lower Broadway, in that city, was discharged recently in bankruptcy in the United States District Court.

# CORAL.

We are headquarters for CORAL CHAINS and CORAL BEADS of every description. Rare and beautiful TINTS.

Choice specimens of

## WHITE CORAL

in GRADUATED NECKLACES.

## IMITATION PEARLS

from the better low grades to the finest.

We fill special orders for collars and chains of coral and pearls.

Also a unique line of

## Gun Metal Jewelry and Novelties,

CHAINS, BROOCHES, PENCILS, SMOKERS' ARTICLES, etc.

## D. LISNER,

Importer of Jewelry Novelties,

Paris Office,  
28 Rue d'Hauteville.

12 E. 17th St., NEW YORK.



## Hand Painted China

is the CALL of the HOUR. We make a full line of VASES, PLATES, PUNCH BOWLS, TANKARDS, CHOCOLATE SETS, and all the styles of fancy pieces from \$1.00 to \$100.

SILVERWARE is a thing of the past—no one asks for it. CUT GLASS is all of the same appearance, no matter who makes it.

HAND-PAINTED CHINA is a class by itself, and every piece has a color and style which distinguishes it from the ordinary line of goods that is shown. Every piece is a MASTERPIECE, executed by the very best talent, both foreign and American.

Drop us a letter and we will tell you all about it.

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Art  
Studio,

Kalamazoo,  
Michigan.

American and Swiss  
Watches.

Diamonds and Precious  
Stones.

Silver Novelties.

Sterling Silverware.



207 Sutter St., San Francisco, Cal.

California Jew-  
elry Factory.

Quartz Jewelry.

Jewelry of Every De-  
scription.

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GEBHARDT BROS.

MAKERS OF  
DIAMOND MOUNTINGS,  
CLASS PINS and BADGES.

Victory Attachments, Jobbing a Specialty.  
Samples and New Price-List on application.



LION BLDG.,  
CINCINNATI.

IF YOU send me five or more  
watches to repair at one  
time, I give 5% discount.

DEMAGNETIZING.

WILHELM K. SANDBERG,

WATCHMAKER,  
Columbus Memorial Bldg., CHICAGO.  
SEND FOR PRICE-LIST.

EVERY REPAIRER should have a  
copy of "THE JEWELRY REPAIRER'S HAND-  
BOOK," just issued by The Jewelers' Circular  
Publishing Co. Price, 50 cents.



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## Special Notices.

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 Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.  
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 Heavy type, double regular rates.  
 Display cards on this page, \$2.00 per inch.  
 In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

**SITUATION WANTED** by first class watchmaker, engraver and optician by Sept. 15, 1902; gilt edge references. H. H., care Jewelers' Circular-Weekly.

**VERY FINE WATCHMAKER**, engraver, optician and salesman is open for position now or Jan. 1, 1903; salary, \$14. L. C., care Jewelers' Circular-Weekly.

**YOUNG MAN** (19) wishes position as stock clerk; five years' experience with precious and imitation stone house. Address J. G., care Jewelers' Circular-Weekly.

**POSITION WANTED** by young man, graduate optician, watchmaker and engraver; honest and reliable; good salesman; A1 references. Mark L. Mason, Galion, Ohio.

**FOREMAN** and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

**YOUNG LADY** as double-entry bookkeeper; seven years' experience with watch and diamond house; able to take charge of office. Address "Bookkeeper," care Jewelers' Circular-Weekly.

**SITUATION WANTED** by good jeweler and optician in a wholesale house to work in the stock; place wanted where there is a chance for promotion; references. W. A., care Jewelers' Circular-Weekly.

**WANTED, A POSITION** by a good jeweler and optician, 24 years of age, as a traveling salesman for a wholesale jewelry or tool and material house; good references. A. L., care Jewelers' Circular-Weekly.

**WATCHMAKER**, long practical experience on fine railroad and complicated work; south preferred; wants position during winter; permanently if satisfactory. Address "Breguet," care Jewelers' Circular-Weekly.

**YOUNG MAN** (28), seven years' experience in the wholesale sterling silverware line, desires position where hard work will merit satisfaction; first class references. Address "G. L.," care Jewelers' Circular-Weekly.

**MAN**, thoroughly acquainted with the trade from Chicago to the Pacific coast, will be open for position as western representative for eastern manufacturer by Dec. 1. Address G. K., care Jewelers' Circular-Weekly, 810 Champlain Bldg., Chicago, Ill.

**FIRST CLASS WATCHMAKER**, 24 years' experience, fine engraver and jeweler, A. No. 1 on high grade watches; steady, sober, industrious; will be open Sept. 16; state wages and all particulars in first letter. Conrad Konler, Conneaut, Ohio.

**WANTED POSITION** as foreman or manager; silver novelty manufacturing concern preferred, by a man 80 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

**YOUNG MAN**, 25 years of age, desires position as watchmaker and jeweler in first class retail establishment in New York City; have my own tools and can give best of references in regard to ability and honesty. For particulars address F. A. H., care Jewelers' Circular-Weekly.

**AT PRESENT** traveling, but desirous of locating permanently as buyer or manager; will be open Jan. 1; thoroughly acquainted in watches, diamonds and jewelry; can furnish A1 references. Address "Hustler," care Jewelers' Circular-Weekly, 810 Champlain Bldg., Chicago, Ill.

**OPTICIAN AND WATCHMAKER** wishes position as manager and optician, or watchmaker and optician, with first class store desiring to build up permanent optical business; own trial set, bench, lathe, tools; do edge grinding, frame fitting. "Manager," care Jewelers' Circular-Weekly.



**SITUATIONS WANTED—Continued.**

**AT ONCE**, first class German watchmaker, jeweler and engraver wants steady position with A1 house as watchmaker, jewelry repairer and engraver; plain, fancy, script, old English, monograms and ornamental work; state salary in first letter; prefer south or north. Address "L," 605 E. Main St., Richmond, Va.

**WATCHMAKER**, strictly first class, 25 years' experience in fine and complicated work, with A1 references; competent to take full charge of repair department, wishes permanent situation with responsible firm on or after Oct. 1; at present in the south; large northern or southern city preferred. Address E. T. R., care Jewelers' Circular-Weekly.

**FIRST CLASS WATCHMAKER** of 15 years' experience, who takes pride in sending out the best of work and who understands selling goods, wishes to make a change at once to manage this department or take charge of a business where he can obtain an interest in same; good character and habits; none but first class house with good salary and future considered. L. M. O., care Jewelers' Circular-Weekly.

**Help Wanted.**

**AN ASSISTANT WATCHMAKER** wanted, at once; salary, \$15; steady position. A. Jonas & Son, Youngstown, Ohio.

**WANTED**, a first class jeweler, who is also a good engraver, in a large city. Inquire of F. J. Boesse, 68 Nassau St., New York.

**WATCHMAKER**, who can do good engraving; state age, experience and send sample of engraving. Address E. G. Hoover, Harrisburgh, Pa.

**BOY WANTED**, between the ages of 16 and 18; one who has had experience in wholesale jobbing, jewelry and watch material house; state experience. "Boy 8," care Jewelers' Circular-Weekly.

**WANTED, A1 WATCHMAKER** who can do good engraving and wait on trade; permanent position; send references. August Jacobs, Quincy, Ill.

**WANTED, EXPERIENCED** watchmaker, quick workman; send references, state age, experience and salary expected. Ramsay, 1221 F St., N. W., Washington, D. C.

**A NEW YORK** wholesale jewelry house desires a stock clerk and inside salesman; state experience, salary expected, reference, etc. "Reliable 87," care Jewelers' Circular-Weekly.

**WANTED, WATCHMAKER** and engraver; good, up-to-date, all around man; good wages; send sample of engraving first letter; steady job. "J. 53," care Jewelers' Circular-Weekly.

**EXPERIENCED OPTICIAN**, salesman and stock clerk; married, engraver preferred; not over 40 nor under 25; drinkers need not apply. The S. T. Little Jewelry Co., Cumberland, Md.

**WANTED, by Oct. 1, or earlier**, a first class jeweler and engraver; give references, state wages wanted and enclose sample of engraving. Address "Position," Box 383, Richmond, Va.

**WANTED, WATCHMAKER**, jeweler, engraver, optician; only first class men that are capable to take full charge of store need apply. Address, with references, Chas. E. Baab, Weston, W. Va.

**A WELL-KNOWN** New York jobber of watches and jewelry desires, Jan. 1, 1903, an outside traveler with established trade; state territory, experience, etc. L. T., care Jewelers' Circular-Weekly.

**WANTED, TRAVELING MEN** who call on jewelers and opticians, to handle a line of Shur-On mountings; liberal commission to the right men. Address E. S., care Jewelers' Circular-Weekly.

**WANTED, WATCHMAKER**, clock and jewelry repairer; good all around man; strictly temperate; state what tools you have, salary required and references. A. E. S., care Jewelers' Circular-Weekly.

**WANTED, WORKING JEWELER** for diamond work and fine manufacturing; prefer a young married man, but he must be superior workman; location, Los Angeles, Cal.; will pay railroad fare. Address, until Sept. 23, James A. Montgomery, care Gorham Mfg. Co., 19th St. and Broadway, New York; after that date, Montgomery Bros., Los Angeles, Cal.

**WANTED**, a competent watchmaker and engraver; state age, experience and amount of salary wanted; also give reference; permanent position to right man. Address P. O. Box 375, New Britain, Conn.

**FIRST CLASS WATCHMAKER** at once; good salary and permanent position; send references and photo; state salary wanted, age, qualifications, languages talked, if married, etc. Clark Bros., St. Cloud, Minn.

**WANTED, BY OCT. 1**, first class engraver, jeweler and stone setter; salary, \$20 per week and permanent position; sample of engraving and reference with first letter. Address W. F. Fischer & Bro., Chattanooga, Tenn.

**WANTED**, third week in September, a first class watchmaker and clock repairer; steady position; single man preferred; must be honest, good habits, no drinking man need apply; a Catholic preferred. Address P. O. Box 245, Hagerstown, Md.

**WANTED, BY FIRST CLASS** New York material house, young man in order department; must be experienced in the line; excellent chance for advancement; applications held strictly confidential. Address "G. 66," care Jewelers' Circular-Weekly.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19," care Jewelers' Circular-Weekly.

**WANTED—By a prominent** jobber in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1903. Box 91, care Jewelers' Circular-Weekly.

**WANTED a good jeweler**, stone setter and engraver; must be a good workman; permanent position in a retail jewelry store. T. H. M., care Jewelers' Circular-Weekly.

**WANTED**, an experienced man about 35 to 40 years of age, to take full charge of a first class diamond mounting shop; none but a man capable need answer; give past experience in confidence; position now or on Jan. 1, 1903, and in New York City. Address "Foreman 43," care Jewelers' Circular-Weekly.

**WANTED**, an exceptionally good man for our diamond counter; salary a progressive one, according to sales and ability; want the best man we can secure. Address, until Sept. 30, James A. Montgomery, care Gorham Mfg. Co., 19th St. and Broadway, New York; after that date, Montgomery Bros., Los Angeles, Cal.

**WANTED a first-class jeweler** and diamond setter to take charge of shop connected with a fine retail store in a large Southern city; good opportunity for first-class man with highest references. Apply, Goldsmith, 30 Maiden Lane, New York.

**Business Opportunities.**

**A JEWELER'S** stock, fixtures, tools and material, invoiced over \$5,000, in good condition, located at Boone, Iowa, must be sold soon. Address Hawley Main, Boone, Ia.

**JEWELRY PLANT**—Fully equipped jewelry plant; lathes, presses, rollers, draw bench, polishing lathes, benches, two safes, office furniture, etc.; terms easy. H. G. Lefort, 60 Arlington St., Newark, N. J.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**FOR SALE**, in Roanoke, Ala., stock and fixtures, amounting to about \$2,000; only one store of the kind in the place; brick building; rent cheap; town has electric lights, water works and ships 20,000 to 25,000 bales of cotton a year; terminus of Central Georgia R. R. in eastern Alabama; healthy climate; will sell cheap for cash; good opening for right party. Address "G. 21," care Jewelers' Circular-Weekly.

**AN UP-TO-DATE** silverware manufacturer desires connection with a few first class houses; can supply hollow and flat ware of the best in the country; \$20,000 to \$30,000 worth of each per annum; specially cheap for cash. "B. 15," care Jewelers' Circular-Weekly.

**OPPORTUNITY**—A well established jewelry, watch and optical store must be sold at once on account of the owner going back to Europe; stock and fixtures worth \$2,000; from \$60 to \$80 worth of repairs weekly; fine location, New York City; will accept any decent offer. "Urgent," care Jewelers' Circular-Weekly.

**For Sale.**

**FOR SALE—SIGNS**. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**DESIRABLE DESK ROOM** to let; rent low. Room 120, 51-53 Maiden Lane, New York.

**Miscellaneous.**

**BUYING FOR CASH** entire stocks of jewelry in surplus; highest references; established 1890. S. Less, 35 Prospect St., Brooklyn, N. Y.

**A WATCH JOBBER,**

established in the center of the Swiss watch manufacturing localities, knowing well where to buy advantageously goods of American style, supplies, etc., desires to be entrusted with orders of wholesalers to buy on commission. Address "Q. 2118 C," Haenstein & Vogler, Chaux-de-Fonds, Switzerland.

**OUR SCHOOL**

**For WATCHMAKER, JEWELER and ENGRAVER** is second to none. :: Refers to two thousand pupils. G. D. PARSONS & SON, Baltimore, Md. Baltimore and Charles Sts.

**WORKSHOP NOTES**

(Third Edition)

For Jewelers and Watchmakers.

A collection of the latest practical receipts on the manufacture and repairing of watches, clocks and jewelry.

Price,  
**\$2.50**

300 pages (size 7 1/2 x 10 1/4 inches), bound in cloth, stiff covers. Should be on every workbench.

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NOVEL—ATTRACTIVE—ARTISTIC.

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SOLD TO THE JOBBING TRADE ONLY.

"THE BRACELET HOUSE."

## GOLD BRACELETS.

KENT & WOODLAND,  
Successors to Wm. H. Ball & Co.

16 John Street, New York.

EVERYTHING IN  
GOLD  
Bracelets

THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co.

11 John Street, New York

### New Orleans, La.

T. Hausmann & Sons have generously offered prizes of medals, loving cups, etc., for the winners in popular sports. The last prize won was a gold and silver medal awarded to Joe Stanley, pitcher of the New Orleans base ball team. It represented a regular diamond with bases.

Chas. Greenberg is showing a novelty in watches which has attracted much attention. It is a Swiss movement with a skeleton metal dial, and is cased in a double snap bezel gun metal case with rounded glass, both front and back, permitting one to see entirely through the movement, which is constructed without the usual plates.

Ernest Dusse, 218 Bourbon St., recently received letters from an unknown party who, he thinks, tried to work on his imagination to swindle him out of some money, holding out as an inducement that a large fortune had been left him by an imprisoned Spaniard, Luiz Rodriquez Dusse. Mr. Dusse thinks it is only a clever scheme to get money, and has allowed the three letters received to remain unanswered.

Joseph Gluck, an expert diamond setter in the employ of Coleman E. Adler, dropped dead in his room, early Thursday morning. Mr. Gluck was alone at the time, but an inmate of the house heard him fall, and an investigation revealed that he had died from heart disease. The coroner learned during his autopsy that the deceased usually wore a valuable gold watch (the gift of his late employer), and a diamond stud, both of which were missing, a ring and \$4 in money being the only valuables found upon him. Later in the day Mrs. John Blatz left the watch and stud with the coroner, stating that she had taken them from his room for safety, being an old friend. An effort is being made to reach relatives he had in Cincinnati, but failing in this, the deceased's friends will defray funeral expenses.

### Florida.

James L. Stephens has moved from his old location in Pensacola, Fla., to 120 S. Palafox St.

A. G. Philips, Palatka, Fla., has moved his jewelry store into the building formerly occupied by O. L. Strickland.

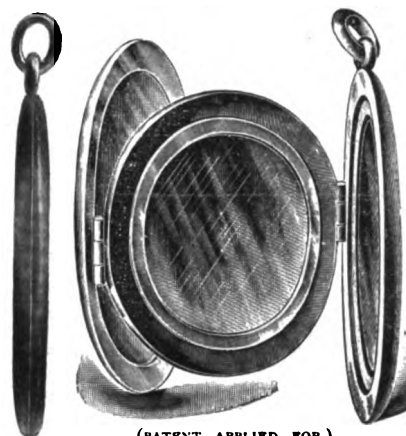
Charles Francis Tranley, a well-known resident and curio dealer of St. Petersburg, Fla., died at Virginia Beach, near Norfolk, Va., on Aug. 20, where he had been conducting a curio store since May. Mr. Tranley was about 55 years of age at the time of his death, and for years had been a sufferer from asthma and lung troubles.

The jewelry store of H. E. Bemis, Green Cove Springs, was lately entered by burglars, who gained an entrance through a back window. Only about \$15 worth of articles were taken, the greater part of Mr. Bemis's goods having been locked up in a safe, which was not tampered with. A negro boy named Robert Young was arrested with some of the stolen goods in his possession, and is now in jail awaiting trial. Young has already served two terms in state prison for larceny.



# The Invisible Joint, Four-Picture Locket.

MANUFACTURED IN  
Gold Filled and Sterling Silver  
BY  
**Leach & Miller,**  
ATTLEBORO, MASS.



(PATENT APPLIED FOR.)

## THE ULTRA.

DIFFERENT SIZES.

IT'S THIN.

DIFFERENT DESIGNS.

MANUFACTURED IN  
14K. GOLD

BY  
**T. W. Adams & Co.,**  
11 JOHN ST., NEW YORK,

AND IN 10K.  
BY  
**Chas. Keller & Co.,**  
192 B'WAY, NEW YORK.

### THE WASHBURN

MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

TO  
ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



TO  
REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

SECURITY FOR SCARF PINS, ETC.

HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN. 14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

C. IRVING WASHBURN, SOLE MANUFACTURER  
12-16 JOHN STREET, NEW YORK.

### CRUCIBLES



Jewelers' Supplies,  
Etc.

Established 1850.

**J. & H. BERGE,**  
95 John Street,  
NEW YORK.



**JACOT MUSIC BOX CO.,**

IMPORTERS.

**Stella and Ideal Music Boxes,**

39 UNION SQUARE. N. Y.

ESTABLISHED 1850.  
**HERMAN KOHLBUSCH Sr.**



Manufacturer of  
*Fine Balances and  
Weights*

for every purpose where  
accuracy is required.

Office and Salesroom,  
194 BROADWAY,

SEND FOR PRICE-LIST. Tel. 370 Cortlandt. NEW YORK.

**Charles M. Prior,**  
**DESIGNER.**

*Original Designs for Sterling Silver.  
Fine Etching.*

1683 Madison Ave., - New York.

**MANY JEWELERS**

are now handling a line of

**SEWING MACHINE NEEDLES,**  
and those who buy them from

**THE SHIMPTON MFG. CO., 273 Church St.,  
NEW YORK**

ARE ALWAYS SATISFIED.

## GET POSTED!

YOU USE ORNAMENTAL DIES?

WANT FINE WORK AND SAVE MONEY?

You should know about the

## DIE CUTTING MACHINE,

Patented, built and sold by

**KELLER MECHANICAL ENGRAVING CO.,**

570-576 WEST BROADWAY, NEW YORK.

**FREE** with every machine. The benefit of our vast experience!  
Purchasers and sellers of infringements  
will be prosecuted.

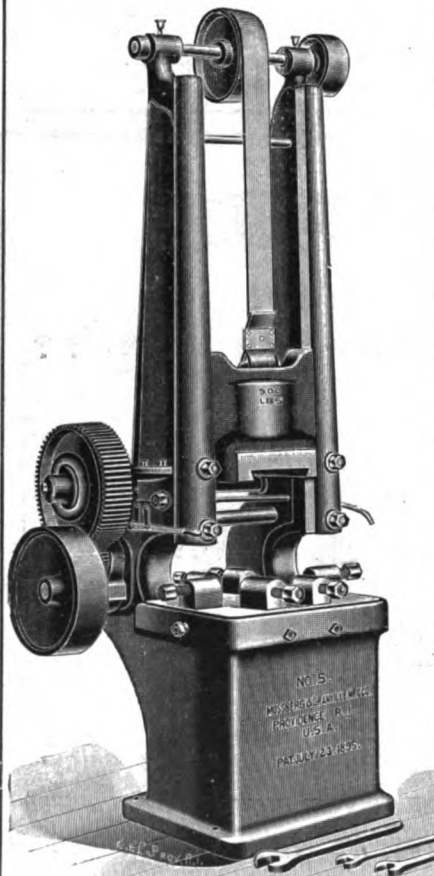
**WE CUT DIES FOR THE TRADE.**





22 DEPARTMENTS UNDER ONE ROOF.  
EVERYTHING APPERTAINING TO  
**Jewelry and Kindred Lines**  
Send for Our Annual Catalog.  
**The New York Jeweler.**  
**S. F. MYERS CO., N. Y.**  
48-50 MAIDEN LANE

FOR  
**Rapid Production**  
USE  
**Automatic  
Drops.**

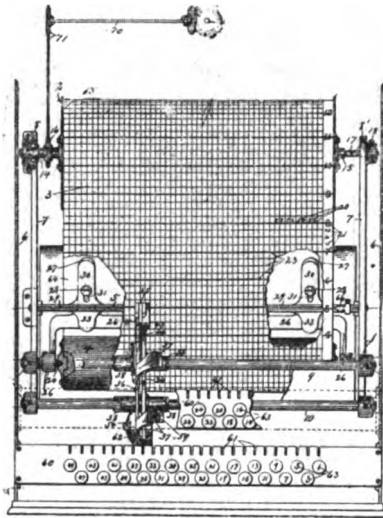


**Mossberg & Granville  
Mfg. Co., Providence, R. I.**  
Catalog Free.

### The Latest Patents.

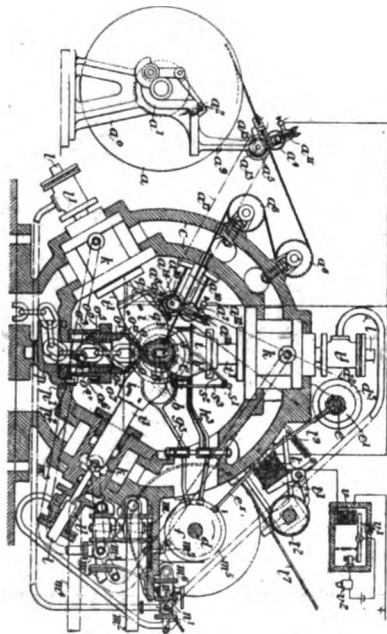
ISSUE OF AUG. 26, 1902.

**707,583. TIME-RECORDER.** THOMAS D. GREENE, Syracuse, N. Y. Filed April 6, 1901. Serial No. 54,621. (No model.)  
In a time-recorder the combination with a



grooved platen of revolving rollers carrying a record sheet movable across the groove of the platen, means for rotating one of the rollers, a vertically-movable yoke supporting the other roller and mounted on the platen, a head movable lengthwise of the platen, independently-movable handpieces mounted on the head, a puncturing-pin aligned with the groove of the platen and adapted to puncture the record-sheet and a single pawl carried by the head and actuated by either of the handpieces for operating the puncturing-pin.

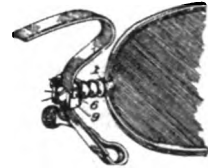
**707,750. MACHINE FOR MAKING CHAIN.** Luis Wirtz, London, England. Filed Feb. 25, 1902. Serial No. 95,537. (No model.)



In a machine for the manufacture of chain the combination of means for heating a wire and feeding the same to a grooved die on which the heated wire is coiled, the said die being in halves to release the link subsequently formed thereon and having slots to embrace the last-formed link, of means for moving the halves of the die relatively, of means for rotating the die, of a series of outer dies for entering the groove and pressing the coils so as to weld them together to form a link, of

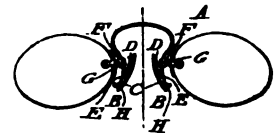
means for operating the said outer dies, of rams or supports for the halves of the die while the pressure is being exerted, the said rams having projections for entering the slots in the grooved die, and of means for operating the said rams.

**707,827. EYEGLASS-GUARD.** JAMES F. COOMBS, Chicago, Ill., assignor of one-fourth to Frederick Kendall Lawrence, Chicago, Ill. Filed June 8, 1901. Serial No. 63,668. (No model.)



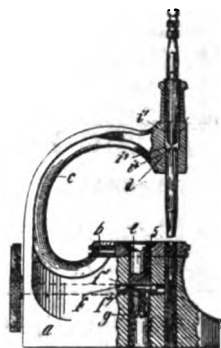
The combination in an eyeglass, of an attaching stud formed with a screw-threaded orifice and projecting flanges at opposite sides of said orifice, which flanges have open-top recesses that extend at right angles to the axis of said orifice, a guard-piece formed with an orifice aligning with the orifice of the attaching stud and with lateral lugs to engage said open top recess, and attaching screw engaging in said orifices to hold the parts in place.

**707,883. NOSEPIECE FOR EYEGLASSES.** CHARLES F. WALL, Philadelphia, Pa. Filed Feb. 7, 1902. Serial No. 92,983. (No model.)



In an eyeglass, a nosepiece-clamp and a compound spring in addition to and having both portions connected with said nosepiece-clamp, one portion of said spring carrying the clamp and the other having yielding connection therewith, said springs being disposed to act one against or in opposition to the other at opposite ends of said clamp.

**707,887. WATCHMAKER'S STAKING-TOOL.** LESTER J. WILLIAMS, Lebanon, N. H., assignor to Kendrick & Davis, Lebanon, N. H. Filed May 10, 1902. Serial No. 106,748. (No model.)



In a staking-tool, in combination a perforated base, a punch or plunger, a guide therefor, and means adapted to frictionally engage said punch or plunger whereby said punch or plunger may be sustained in said guide in any desired position relative to said base.

DESIGN **30,023. BACKS FOR BRUSHES OR SIMILAR ARTICLES.** SYDNEY A. KELLER.

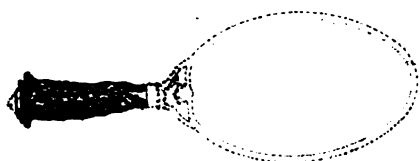


New York, N. Y. Filed July 23, 1902. Serial No. 116,744. Term of patent  $3\frac{1}{2}$  years.

DESIGN **30,022. HANDLE FOR TOILET ARTICLES.** ROBERT R. DEBACHER, New York, N. Y.



Y. Filed May 9, 1902. Serial No. 106,650.  
Term of patent 14 years.



DESIGN 36,024. HANDLE FOR BUTTON-HOOKS OR SIMILAR ARTICLES. SIDNEY A. KELLER, New York, N. Y. Filed



July 23, 1902. Serial No. 116,745. Term of patent, 3½ years.

DESIGN 36,025. LID FOR PUFF-BOXES OR SIMILAR ARTICLES. SIDNEY A. KELLER,



New York, N. Y. Filed July 23, 1902. Serial No. 116,746. Term of patent 3½ years.

DESIGN 36,026. BACK FOR BRUSHES OR SIMILAR ARTICLES. SIDNEY A. KELLER,



New York, N. Y. Filed July 23, 1902. Serial No. 116,748. Term of patent 3½ years.  
DESIGN 36,027. CORNER FOR BLOTTING-PADS OR SIMILAR ARTICLES. SIDNEY



A. KELLER, New York, N. Y. Filed July 23, 1902. Serial No. 116,747. Term of patent, 3½ years.

TRADE-MARK 38,856. CLINICAL THERMOMETERS. H. HIRSCHBERG OPTICAL CO., St. Louis, Mo. Filed June 20, 1902.

*Household*

The word "HOUSEHOLD" in script letter. Used since Jan. 1, 1888.

#### EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIRCULAR-WEEKLY by R. W. Bishop, Patent Attorney Washington, D. C., who will furnish complete copies of patents at the rate of 10 cents each.]

Issued Aug. 25, 1885.

324,798. PENCIL-SHARPENER. J. W. ALEXANDER, New York, N. Y.

324,800. POWDER-PUFF. J. C. AUSTIN, Brooklyn, N. Y.

324,824. ELECTRIC CLOCK. F. R. FIELD, Greenfield, Mass.

324,824. BUTTON. W. H. GIFFORD, Cincinnati.

324,857. SEPARABLE BUTTON. H. G. LATHROP, St. Johnsville, N. Y.

324,897. SUSPENSE. J. F. TOWNSEND, Cambridge, Mass.

324,972. WATCHMAN'S TIME-DETECTOR. LOUIS ZERNER, Basle, Switzerland.

325,005. CALENDAR CUFF BUTTON. GARCIA MONTEIRO, New Bedford, Mass., assignor to himself and E. A. Chase, same place.

325,017. LOCK FOR SATCHEL-FRAMES. F. C. SCHMIDT, Newark, N. J.

325,060. HOLDER FOR PENS OR PENCILS. F. G. DAVISON, Jamaica, assignor to A. L. Shipman's Sons, New York, N. Y.

325,111. ADJUSTING BEAT OF CLOCKS. H. P. PRUIM, Grand Haven, Mich., assignor of one-half to Thomas Cairns, same place.

325,113. ELECTRIC IMPULSION DEVICE FOR TORSION PENDULUMS. HEINRICH RABE, Hanau, Germany.

325,117. BREAST-PIN. FRIEDRICH SCHRODER, New York, N. Y.

325,198. CANE. DANIEL CROWLEY, Boston, Mass.

325,204. WATCH-MOVEMENT BOX. A. F. FREELAND, Malden, and C. H. WHITTEN, Waltham, Mass.

325,211. FOUNTAIN-PEN. J. P. HOYT, Newtown, Conn., and F. S. BARTRAM, New York, N. Y.

325,226. ATTACHMENT FOR COMBS. C. H. WELLS, Mechoppen, Pa.

325,228. CLOCK STRIKING MECHANISM. H. L. NARAMORE, Sharon, Mass., assignor of one-half to August Fischer, Winchester, and J. F. Potts, Whitehall, Ill.  
Design issued Aug. 21, 1888, for 14 years.

18,549. BEVELED GLASS. O. C. HAWKES, Birmingham, England.  
Design issued Aug. 27, 1895, for 7 years.

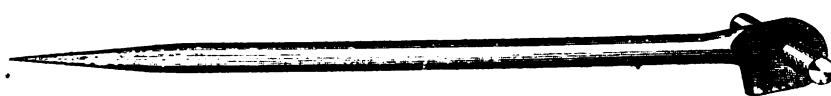
24,634. DISH. C. E. HAVILAND, Limoges, France.

#### PEARLS BOUGHT FOR CASH.

If a customer should bring you any Diamond or Pearl Jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
NO. 3 MAIDEN LANE, NEW YORK,  
where you can have an immediate Cash Offer.  
Established 1880.

## "The Dover Improved" PIN TONGUE AND JOINT.



Patent Allowed.

You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

SPECIAL—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

SAMPLES SENT FREE TO ANY ADDRESS IN THE WORLD.

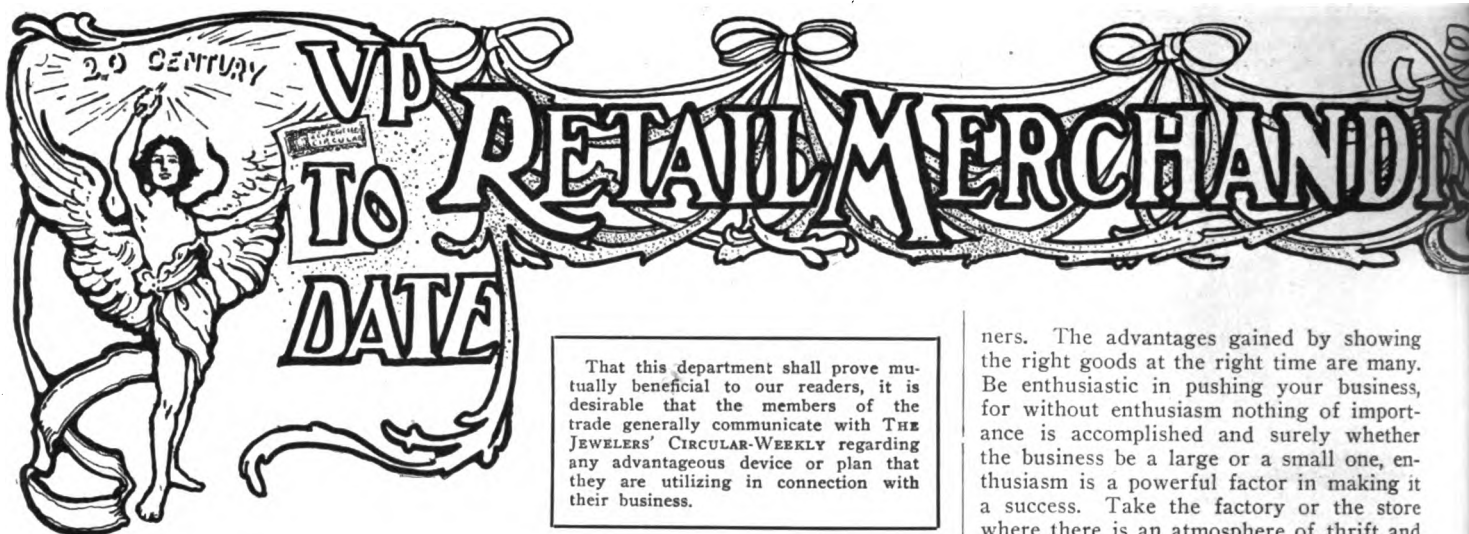
**GEORGE W. DOVER CO.,**

80 Clifford St., Providence, R. I.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.

The Largest Makers of Metal Ornaments, Jewel Settings and Jewelry Components in the World.





### PRIZE ESSAY COMPETITION, NO. 8.

#### SUBJECT:

**"How to Install a Stationery Department in a Jewelry Store."**

THE dealer who expects, after adding a stationery department, that it will run itself and prove a gold mine will be greatly disappointed. The business requires considerable attention and patience. There are few lines where customers are more exacting and fastidious. For instance, there is a woman customer who does not know what she wants and not knowing the value of time, keeps the salesman dancing attendance and finally leaves with a purchase of a half dozen pens, which she returns the next day to be exchanged for a broader or finer point.

Another customer comes in with a fair idea of what she wants, but not being posted in values expects to get a dollar value for 50 cents. The business calls for attention, tact, patience, careful supervision and persistent pushing, and as in most other branches of business, everything depends on the man.

The stationery department is a logical adjunct of a jewelry stock, for stationery admirably harmonizes with jewelry, calls for comparatively little space and would entail slight extra expense. It should occupy a conspicuous place in the store, where the goods could be well displayed, and the show window should be very frequently given up to this department of the business. Give freshness to the department by having new goods often. Have good displays and change them regularly. At all odds keep out staleness. Change the price cards for new ones frequently. This gives freshness to the appearance of the stock and conveys the idea that new goods are continually arriving and therefore that everything is of the latest and most up-to-date style.

Besides this there is less chance of goods being soiled by exposure if re-arranged often and it takes very little time for some goods to be affected by the sun's rays and when presenting an untidy and faded appearance there is little hope for a sale. Do not allow stock to get low; keep close

tab on each item carried in stock and re-order when there is danger of anything being sold out. Have a system especially in arranging the stock which should be kept in its proper place, well dusted and re-order before the last is sold. Keep a close watch on the department, push it at proper times and seasons.

In the Spring and Fall advertise wedding invitations and make special window displays of the latest specimens. In the early Summer display inexpensive boxes of writing paper suitable for country use, fountain pens, traveling inkstands, blank books lettered "My Trip Abroad," "Summer Vacation Notes," etc. Don't buy the same things as your competitors to offer similarity at low prices. Instead of this buy novelties—they command high prices. Novelty is the profit earning element in business. Your customers will want it and will pay a long price for it.

Visit the large cities to select your goods. It may cost you more for traveling expenses and take more time, but what it costs is nothing compared to what you gain. You get the new things, the salable things, the things your customers are looking for and will pay a good price for. Above all, you get the power to hold your trade against all competitors and the increase at the expense of local merchants who buy stale styles in their second season.

Stay at home buyers never get the best selling goods, the freshest and most attractive novelties, the articles that carry good profits. Why? Because the goods which buyers chase do not need to chase buyers. "Buyers who visit the large cities get the cream of a thousand stocks; home buyers get what remains after the choice things have been culled."

Meet competition of catalogue houses by buying the latest styles and choicest novelties by going to the metropolis for them. If you wait for them to come to you they will be stale when they reach you.

Style, variety and novelty are trade win-

ners. The advantages gained by showing the right goods at the right time are many. Be enthusiastic in pushing your business, for without enthusiasm nothing of importance is accomplished and surely whether the business be a large or a small one, enthusiasm is a powerful factor in making it a success. Take the factory or the store where there is an atmosphere of thrift and you find that the salespeople are obliging and the proprietor does not hesitate to take hold of anything with his own hands which needs straightening out. Certainly he is never too busy to answer questions civilly to employees or customers.

The public naturally likes men of this kind, because good nature and a faculty for hustling, like the measles, are contagious. Knowledge of the line is, of course, absolutely necessary, but it has comparatively little weight if not accompanied by the other quality referred to. Did you ever stop to think that this is the reason why new goods sell best even to people who do not know the difference between the old and the new? The average salesman has lost his enthusiasm for the old stock and preaches its merits less than when it was new. Customers notice the difference and buy the new goods while likely they would have bought the old stock had it been as vigorously recommended.

Enthusiasm promotes success in any business undertaking, but in nothing else is optimism more necessary than in running a stationery department, because the one who possesses it is armed with an unfailing weapon to combat all the complex problems that will every day beset him and which would otherwise prove a serious drawback to his permanent success.

I might enumerate many more requisites of a successful stationery department, but it would necessitate going into extensive details and take up much valuable space and time which I do not believe necessary to complete my essay. I have not named any special lines or made out a list of items to be carried in stock in a stationery department, leaving it to the dealer that contemplates installing the new department to judge for himself what goods will best suit his locality and the class of trade with which he has to deal.

It is also a difficult matter to select a stock of stationery suited to all conditions and purses, the lines carried depending a great deal on the amount to be invested. If the jeweler has the requisite amount of push, selects his stock with ordinary caution and judgment, has good taste, uses right system in arranging stock, is courteous and obliging to customers and gives the stationery department the same amount of attention that he gives to his regular stock, there cannot be but one result and that is sure and increasing success. R. F.



# ING and HINTS to JEWELERS

## Suggestions of a Practical Jeweler Anent the Discoloration of Gold.

THE following communication from a subscriber was elicited by a recent article published in THE CIRCULAR-WEEKLY, entitled, "The Strange Phenomena Caused by the Effect of Blood Upon Gold." The letter embodies the writer's views on the subject together with some practical points which may interest the trade.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I desire to make a few remarks about the discoloration of "Rings and Jewelry" anent your article, "The Strange Phenomena Caused by the Effect of the Blood Upon Gold." I do not agree that the blood is the cause—only as a secondary agent. But it is caused by the sulphuretted hydrogen gas which accumulates in the bowels. The sulphur is exuded through the pores of the skin in the process of perspiring. Hence I think the trouble arises in the bowels, superinduced, of course, by a bad liver, which is in turn engendered by the habits of some individuals.

Why not publish thousands of copies of a small bit of a pamphlet, something that you could sell to jewelers for a few cents each—let them distribute the pamphlets to the public as a means of education. A few examples as follows:

A short time ago I made two rings out of a gold cane head for Dr. ——. Several weeks afterwards he rushed into my office, saying, "You treated me shamefully, look at these rings."

"Your rings have been in contact with mercury," said I. "No such thing," he answered. "Haven't you been handling medicine?" "No, no—yes. My wife and I were giving the baby 'gray powders' this morning." "Don't 'gray powders' contain mercury? Yes—sure!"

I applied the rings to a buff and when they became heated the mercury vanished, and the doctor left, a redder and a wiser man.

Last winter I sold an opal set ring to a young girl. A few weeks afterwards her uncle rushed into the house almost shouting, "You have cheated me; this ring has turned black." "The ring has the itch," said I, "and needs to be disinfected." The girl had caught the itch in school and they had saturated her with sulphur and lard.

Electric storms and sudden changes of temperature will break mainsprings in watches. If a watch is taken from the pocket and hung against a cold wall or placed on a cold table, the mainspring will often break. The theory of equilibrium promptly explains it: the heat is withdrawn too rapidly.

Some people think it fun to play with their watches with a horseshoe magnet, etc., etc.

If the public were educated to hundreds of these little points it would save the temper and confusion of many a poor devil who spends his life accommodating an unappreciative public for the simple privilege of living. Very respectfully,  
T. G. S.

## Advertising Wedding Stationery.

AS the autumnal wedding season is rapidly approaching the jeweler should begin the advertising and displaying of samples of all kinds of engraved stationery and wedding invitations and at home cards, etc., in particular.

An early display and exploitation is recommended because it requires some time to

cut the dies and print the invitations, and if the engravers are rushed with orders there will be a possibility of disappointment.

To avoid this the jeweler should at once see that his samples are of the latest approved styles and that they look new and clean. If not, he should send to his stationer for a new supply. These should be neatly marked with the cost and price per 100 on the back and kept in nice, clean boxes. While handling them great care should be taken that the fingers do not soil the cards in the least. It would be advisable for each jeweler to have a die cut with his name and address which should be stamped on the flap of the envelope which contains the wedding invitation. It would also be an advantage to the jeweler to use his own boxes which bear his name and address instead of those furnished by the wholesaler for packing visiting and other cards.

In making a display of the samples mentioned it would be well to cover the interior of the window or stand with black velvet. The contrast would be striking and the stationery will be more likely to attract the attention of all passers-by.

It would be needless to mention that in displaying these samples care should be taken that the window does not have the appearance of crowding.

The advertisements to be used in connection with the displays should be carefully prepared and nicely displayed. In writing them consider the trade to whom you are catering and it must be left to the individual advertiser to decide whether or not prices should be given in the advertisement.

J. G. K.

## Phil Osophy's Chatter.

EVERYTHING comes to him who waits—except money.

Business success to-day is the resultant of all the forces of energy.

Keen words eliminate the necessity of otherwise using long sentences or paragraphs.

A merchant cannot afford to sell a poor grade of goods or a grade of goods which is not as strictly represented. Substitution is an apparent friend, but a real enemy.

A poor man cannot afford to wear poor clothes, much less can an advertiser afford to do poor advertising. This is a material age and men judge a great deal from externals.

Successful speculation beckons only to one. Industry, and energy point the way to wealth to the multitude. A number of cross roads on the way, however, attract many.

## Timely Hints For Jewelers.

HAVE you seen our very latest—the Ping-Pong line of jewelry? It's certainly attractive and has caught the popular fancy no less ardently than the game itself. Our low prices will really surprise you.

Golf is a glorious game. The Golfing Girl is not strictly up to date without our latest golf jewelry. See our gold and silver scarf and hat pins. Exceptionally attractive, reasonably priced.

We guarantee every gem or piece of jewelry which we sell. Just now we have an unusually fine assortment of rings—marquise, solitaire, clusters, gypsy, etc.

Things of beauty that appeal to women especially are displayed in our window this week. All women who are interested in jewelry and all men who are interested in women should see them.

Our stock is sufficiently large and assorted to please the whims and fancies of anyone. If you want a diamond brooch or a plain gold ring it's here and quality and price are right.

"On a Sunday afternoon" you need some special piece of finery to adorn your Sunday clothes. See our latest designs in links, studs, scarf pins, etc.

Yankee wit and skill have produced the best moderately priced watches in the world. Our stock combines the best made in the market. Prefer foreign watches? We have the finest in that line, too.

Why be late when you can purchase an accurate timepiece at such a low price? We have the more expensive ones, also.

Our diamond display is simply gorgeous. Diamonds are not cheap, but we sell them as low as their quality will allow.

A man looks prosperous and feels prosperous when he wears a diamond. We are selling off a consignment of medium sized stones at surprisingly low prices. Why not take advantage of the sale and look prosperous?

Col. A. Andrews, proprietor of the Diamond Palace, Montgomery St., San Francisco, Cal., is attracting attention to his wares by a clever display and store front decoration.

The main feature is a square pavilion extending from the front of the store to the curb. The roof and corner posts are draped with the red, blue and gold of the K. of P. shields. Battle axes and banners are placed both within and without in a most artistic and effective manner. Pythian devices are displayed along the store front, blending in harmony with the design of the entire display. The Diamond Palace has been thronged daily with crowds of Pythians and other visitors.



# MURINE

## SELLS WELL

## ACTS WELL

## Wins Strong Friends

Rapidly reduces an Inflamed Eye to its normal condition preparatory to its proper measurement for glasses, hence its value to the OPTICAL PROFESSION.



### The Murine Eye Remedies

Have won for themselves a prominent place among JEWELER-OPTICIANS.

**MURINE causes No Pain but Soothes the Eye.**

MURINE Eye Remedy, Pints (1 pound) each.....	\$6.00
" " " 1/2 Pints (8 oz) each.....	4.00
" " Regular Size (50c.).....per doz.	4.00
" " Special " (\$1.25).....	7.20



### Murine Eye Remedies

Are endorsed by the Medical Profession as a positive cure for Eyes that need care. Used successfully by Physicians, Oculists, Opticians and the People.

They are prepared under the direction of Eye Specialists and are **SAFE AND RELIABLE.**

The MURINE EYE REMEDY Co. of Chicago, numbering among its associates prominent oculists who personally preside over its laboratory—is the only company manufacturing an EXCLUSIVE LINE OF EYE REMEDIES of which MURINE is the essential and standard.



# BANENE

**An Optical Help for Cloudiness of Vision, Impaired Circulation, Floating Spots, Cataract, etc.**

Cases are often found, more particularly in those of middle and advanced age, where proper correction of glasses has been made, while at the same time the eye refuses to accept the lenses with favor. Investigation discloses an impaired circulation in the interior of the eye-ball. BANENE relieves these conditions. Spots that seem to be floating before the eyes, "cob-webs," etc., are entirely dispelled by BANENE. BANENE clears the retina of congestion. BANENE is a distillation of well-known drugs that are active tonics, the administration of which stimulates the capillary circulation of the delicate structures of the eye. It seems to have particular effect upon the circulation of the retina and the optic nerve fibres.

Price, per bottle, \$1.25. Price, per dozen, \$9.00.

**Banene is taken internally—Eight drops in a Wine-glass of Water Three Times Daily.**

## MURINE EYE SALVE

(UNGUENTUM HYDRO-MURINE)

**A Remedy for Diseased Eye-Lids  
RESTORES EYE LASHES.**

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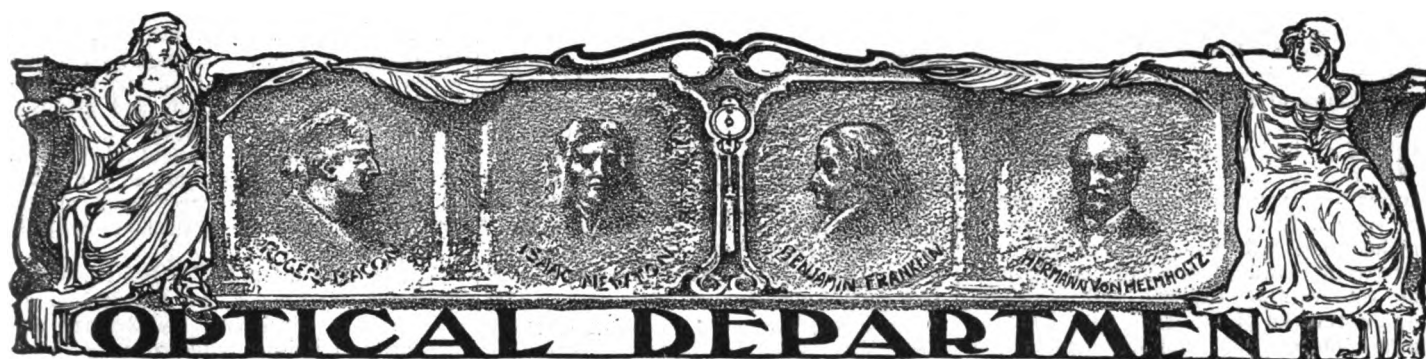
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## JEWELRY AND OPTICAL JOBBERS

Send for Sample Copies of our New Book for Opticians. We call it EYE AID. We furnish them to Murine buyers with tag and address on cover.





CONDUCTED BY GEORGE A. ROGERS.

### The Boston Convention.

THE recent convention of the American Association of Opticians at Boston was the most successful optical convention ever held in this country.

The weather was ideal, the location all that could be desired, the attendance and interest surpassed that of any previous convention, and the results of the changes in the organization effected will place the association upon a substantial and enduring foundation.

There were upwards of three hundred opticians in attendance, and the "exhibit" of optical appliances was never so extensive, so well provided for, or so interesting as a whole.

The changes in the organization were brought about by a practically new constitution and set of by-laws, by which provision is made for the members of the American Association from each State.

The physiological branch is in its inception a promising adjunct to the association. It is under the control of the Board of Regents, but has an inner organization of its own. The Board of Regents will naturally direct its action, composition and the special work of its members, which will be along the line of educational or scientific development.

The thesis is made the basis of admission to this branch. It is not presumed to represent a thorough optical education, nor does its writer receive any other honor than membership in the branch. It is really a matriculation to that branch and indicates a desire to do any kind of scientific work that may be assigned to it or that it may assign itself.

The basis of affiliation of State optical societies will undoubtedly be clearly placed before them prior to their coming annual meetings, so that they can take up the question and decide it among themselves. As there will be some State societies, no doubt, which will not see the advantage of affiliation, it is not to be expected that all will vote in favor of it. In that case every individual member has the same privileges as heretofore in the American Association, but the State will not have special representation in the house of delegates.

By the new constitution the membership is happily classified into active and associate, the member selecting his own class, and honorary, which is obtained by a vote of the association.

The convention demonstrated by its action that it was in favor of progressive measures, but that it would not countenance

any transparent scheme of issuing diplomas to its membership, and it did not propose to enter the educational field from any business motive.

### Optical Notes and Briefs.

M. C. L. Merry, president of the Merry Optical Co., Kansas City, Mo., has returned to that city.

Earl Camp, optician, Memphis, Tenn., has returned from a visit recently paid to his wife at Owensboro, Ky.

A. Bollock, with the Standard Optical Co., San Francisco, Cal., has just recovered from an operation for appendicitis.

Joseph Schwalbe & Co., 516 Market St., San Francisco, Cal., are enlarging their store and putting in a full line of optical goods.

Nathan Manasse, oculist-optician, San Francisco, Cal., is about to move into more spacious quarters at the corner of Market and Sutter Sts.

Harry Liggett and E. S. Rasmussen, Memphis, Tenn., opticians, have returned home, after attending the meeting of the American Association of Opticians recently held at Boston, Mass.

The Canadian Association of Opticians will hold its annual meeting on Sept. 11 in the Saturday Night building, Toronto. The program comprises the reading of a number of papers on topics of professional interest.

R. W. L. Wendt, formerly with C. E. Riddiford, New Milford, Conn., will shortly open an optical and jewelry business on Main St., in that city. Mr. Wendt has just completed a course at Spencer's Optical Institute, New York.

Ernest Ludlow, formerly optician and jeweler for J. M. Perkins, Marquette, Mich., contemplates opening three offices in Michigan, one in Marquette, one in Ishpeming, and one in Hancock. The Hancock office will be opened about September 1, and while in Ishpeming Mr. Ludlow will make his headquarters at Anderson's jewelry store.

W. E. Stieren & Co., 544 Smithfield St., Pittsburgh, Pa., dealers in optical, mathematical and meteorological instruments, announce that they have sold the phonographic department which they have been conducting on the second floor of their 6th Ave. building, and that hereafter the place will be devoted exclusively to optical and mathematical instruments.

(Additional Optical News on page 68.)

### Prize Dioptric Quiz.

TO give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set having appeared Aug. 18. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the 14th set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list having been printed in issue of Aug. 18—will be made to those whose solutions are next in order serially.

### Official Answers to Fourteenth Set of Problems.

ACCORDING to the conditions under which THE CIRCULAR-WEEKLY'S Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the fourteenth set of questions (published July 2, 1902) follow:

#### ANSWERS TO FOURTEENTH SET.

- 66. + 8 D.
- 67. 29 diameter.
- 68. 25 feet 6 inches.
- 69. 34 feet.
- 70. 20 inches from portrait.

### A Correction.

IN the official answers to Dioptric Quiz Mr. Westphal, St. Charles, Mo., calls attention to an error in the 60th, which should be:

- 60. Front surface toric.  
150th meridian, + 3.50 D.  
60th " + 2.00 D.

Deducting 2.50 D. for posterior surface leaves correction  
— .50 D. S.  $\odot$  + 1.50 D. C., ax. 60°.  
as found in .59.

E. E. Brown, 138 High St., Hamilton, O., left, last week, for Chicago, accompanied by his wife, who will take special instruction in skiascopy at the Northern Illinois College of Ophthalmology and Otolaryngology, of which she is a graduate. Mr. Brown will take a post-graduate course at the same school, after which he will assist Mrs. Brown in their office on High St.



## Optical Department.

### Exhibits of the Boston Convention.

**T**HE exhibition hall, situated on the main floor of the American House, was the center of attraction at all times during the convention from early morning till late at night. The hall was thronged with an interested crowd of delegates, taking note of the various exhibits and watching demonstrations of the latest optical instruments and devices from lens-drilling and edge-grinding machines and retinoscopes and ophthalmoscopes to eyeglass springs and spectacle frames.

The first exhibit seen on entering the hall, that of J. Quimette, Jr., Southbridge, Mass., situated just to the left of the entrance, embraced an extensive line of the American Optical Co.'s products; trial cases and frames, lens rouge, eyeglass and spectacle cases in a variety of styles, besides a full line of small tools, pliers and opticians' requisites. An interesting feature was a line of lens-drilling machines of different manufacturers, shown in a complete line for the first time.

The Geneva Optical Co., Chicago, Ill., had on view for the first time in the east, the new Geneva combined ophthalmoscope and retinoscope, demonstrated by Earl J. Brown.

The Toric Optical Co., New York, next in line, had a well-arranged exhibit exploiting their 12-k. gold-filled spectacle frames and their new No. 21 Anchor Guard.

Adjoining this was an interesting display of the shadow-test specialties of the A. Jay Cross Optical Co., New York. Daily demonstrations of this concern's retinoskiometer were given in an upstairs room.

The Briggs Optical Co. devoted their space to their new frameless spectacle mounting.

W. F. Cushman's exhibit was a display of Dr. Agnew's German eye water and of the Moore improved fountain pen made by the American Fountain Pen Co., Boston, Mass.

An interesting exhibit of spectacle and eyeglass cases was shown at the next table by the Orient Mfg. Co., Weymouth Center, Mass.

At the next table D. V. Brown, Philadelphia, Pa., was distributing souvenirs in the shape of a single eyeglass of transparent celluloid mounted with his new cushion eyeglass rim; he also had on show a novel line of opera glass bags of velvet calf in various shades with a burnt open work design, backed with colored silk and set with fancy stones matching the bag in color.

An attractive sign bearing the name Gall & Lembke, New York, on the wall nearby, announced the new patent attachable eyeglass frame, by which a pair of eyeglasses are changed in a second to a pair of spectacles.

The Hub Optical Case Co., East Boston, Mass., occupied the next exhibit, which showed an extensive line of eyeglass and spectacle cases in all the popular shapes and sizes.

The official souvenir of the convention, in the shape of a miniature eyeglass case, and bearing the inscription, "American As-

sociation of Opticians, Hub, 1902," was furnished by this company.

At an adjacent table Edwin Beckwith, of the New York Mutual Optical Co., was showing his Excelsior lens drill for skeleton lenses and a new eyeglass spring.

A large booth in the corner of the hall was occupied by an extensive exhibit of goods manufactured by the Meyrowitz Mfg. Co., New York. This included lines of automobile goggles, eyeglass cases, color test sets, artificial eyes, retinoscopes and the company's new 20th century eyeglass mounting. A giant eyeglass set with this mounting was hung in front of the booth and a small card bearing dissected parts of their pivot clip was distributed to visitors.

In a large connecting room, opening from the end of the hall, were the exhibits of the Globe Optical Co., Boston, Mass., and the R. Hoehn Co., New York. The former exhibit contained a complete line of optical requisites, trial cases, instruments, lens-drills, microscopes, telescopes, etc. The R. Hoehn Co. exhibit included a large line of thermometers and barometers mounted in all the useful and popular styles, on metal, wood and china, many of which were particularly adapted for household ornamental use. In a separate booth, a demonstration of the manufacture of glass eyes was given by a skilled employé of this concern. A useful souvenir in the shape of a clinical thermometer was given to visitors at this booth.

At the end of the exhibit hall just opposite the booth of the Meyrowitz Mfg. Co. was the exhibit of E. Kirstein & Sons, Rochester, New York. This exhibit, one of the notable ones, was enclosed in an attractive booth decorated in green and gold, and on the upper corner of which was displayed a large tinted transparency of the now famous "Shur-On Girl," the work of Dudley Hoyt of Rochester, New York. The principal feature of this exhibit was a new edge-grinding machine shown in operation, with samples of its work, which included the grinding of prisms, cylinders, square lens, etc. Other features of the exhibit were lorgnettes in gold, silver and plate, opera bags, eyeglass cases and the "Shur-On" mounting.

A large electric light sign in the shape of a star enclosing a "B" announced the exhibit of B. A. Ballou & Co., Providence, R. I., composing a line of lorgnette chains, eyeglass chains, hooks and hairpins in gold and rolled gold plate.

The Bassett Jewelry Co., Providence, R. I., at an adjoining booth, had to show its line of eyeglass chains, hooks and lorgnettes.

The L. E. Waterman Co., New York, attracted attention to its exhibit of fountain pens by a device in the shape of a hand operated by electricity, which moved a fountain pen across a strip of moving paper.

The Randall-Faichney Co., Boston, Mass., displayed its line of clinical thermometers, hypodermic syringes and pyrometers.

At the next table Chas. Wilder, Peterboro, Vt., exhibited a novel line of thermometers, fancily mounted on aluminum, white metal and photograph mounts.

Adjoining this was a large show case containing an exhibit of fountain pens, gold and silver pencils and novelties by Aiken, Lambert & Co., New York.

An edge-grinding lens machine, shown by Morgan & Brown, Lebanon, N. H., was a center of attraction at all times. This machine works automatically and grinds a lens in all the required shapes.

The next exhibit was that of W. H. Ely, Middletown, Conn., who showed a number of his useful devices, principal among which was the Ely horizontal eyeglass spring.

The Houghton-Hardy Co., Boston, Mass., displayed an extensive line of optical goods, chief among which was the Reisner lens measure and Reisner retinoscope.

Chambers-Inskeep, Chicago, Ill., had an attractive space, set off by a large banner bearing the firm's name and a border composed of the initials, "C. I." The exhibit showed the concern's improved ophthalmometer and self-luminous ophthalmoscope.

Last but not least in attractiveness came the exhibit of the Murine Eye Remedy Co., Chicago, Ill., exploiting their well-known remedies, Murine, Banene and Granuline. Rows of Murine boxes formed a system of arches and columns on the wall behind the booth, setting off display signs bearing the pictures and legends familiar to readers of Murine advertisements. Attendants handed out samples of the company's products to visitors as well as very handy pads and pencils useful for note taking.

Several firms, who could not find accommodation in the exhibit hall displayed their wares in separate rooms. Among those were Taylor Bros., Rochester, N. Y., who showed a large line of barometers (coil and mercurial), pedometers, cabinet, chandelier, advertising and manufacturing thermometers, and other instruments of precision; Paye & Baker Mfg. Co., Providence, R. I., who displayed an extensive and very attractive line of souvenir spoons, toilet articles and silver novelties.

### Optician Denies Partner's Charges of Embezzlement.

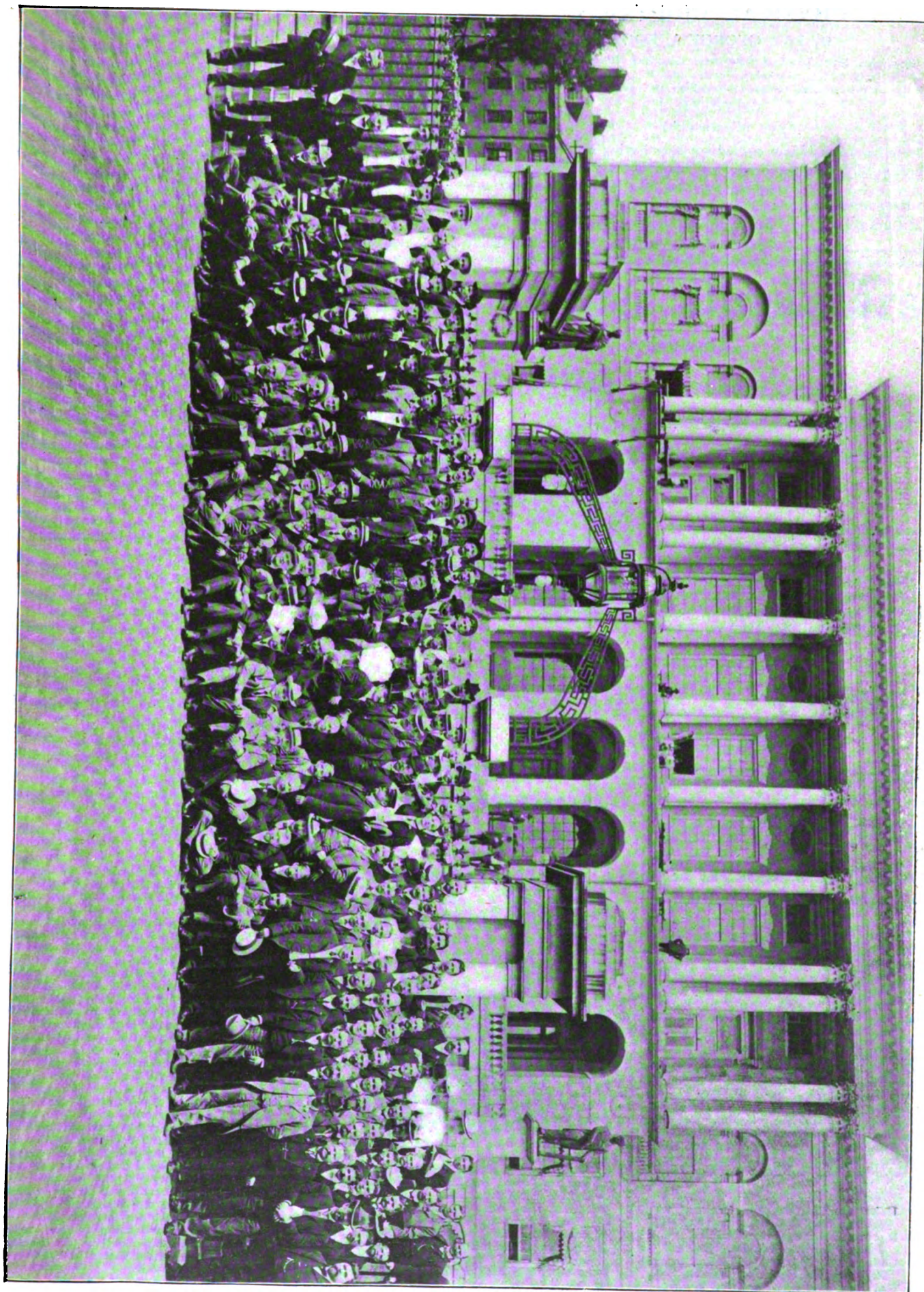
**J.** W. DODGE, of Dodge & Blair, opticians, Memphis, Tenn., who was arrested a short time ago at the instance of his partner, S. Blair, charging him with the larceny of \$88 and fraudulent breach of trust, claims that the money he is charged with embezzling is money which he borrowed from Blair at different times.

Dodge claims that they are partners and have been in business about four months. He says the agreement was that he was to furnish the experience and Blair the capital. He declares that he was obliged to borrow the money because the business was not running on a paying basis. He furthermore acknowledges that he pawned two cases of optical goods for \$5 and \$3.50 respectively. The warrant charges that the two cases of goods pawned are valued at \$22.50. Blair has not been located, and his version of the case could not be secured last week.

L. M. Barnes, North Adams, Mass., has returned home after attending the convention of the American Association of Opticians at Boston.

R. T. Crawford, optician, Temple, Texas, recently lost by fire a handsome residence valued at \$2,500. The building was covered by insurance to the extent of \$1,500.





PHOTOGRAPH OF ATTENDANTS AT THE FIFTH ANNUAL CONVENTION OF THE AMERICAN ASSOCIATION OF OPTICIANS AT BOSTON, AUG. 19-23.



## PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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[COMMENCED IN ISSUE OF AUGUST 20, 1902.—PART III.]

### CHAPTER I.

(Continued.)

It follows that if two curved surfaces having different radii and therefore different curvature, rest upon the same chord, as when the two surfaces of a bi-convex lens are unequal in curvature, the curvatures are practically proportional to the sagittæ. For instance, if the common chord is represented by  $d$ , and the half chord by  $m$ , the two radii by  $R_1$  and  $R_2$ , and the sagittæ by  $s$  and  $S$  respectively, then:

**Proportional Curvature.**

1.  $R_1 = \frac{m^2 + s^2}{2s}$  exactly, or
2.  $R_1 = \frac{m^2}{2s}$  approximately, or
3.  $R_1 = \frac{d^2}{8s}$  approximately.
4.  $C_1 = \frac{8s}{d^2}$  approximately.

In the opposite surface:

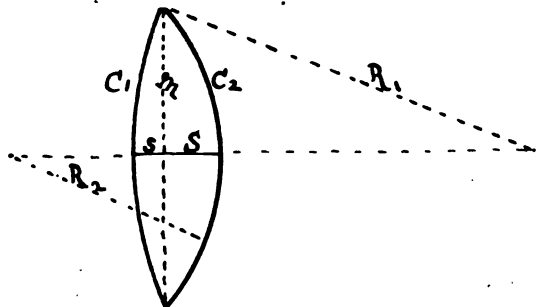


FIG. 4.

1.  $R_2 = \frac{m^2 + S^2}{2S}$  exactly, or
2.  $R_2 = \frac{m^2}{2S}$  approximately, or
3.  $R_2 = \frac{d^2}{8S}$  approximately, or
4.  $C_2 = \frac{8S}{d^2}$  approximately.

### The Story of a Sensation and the Origin and Effect of Reflex Action.

Prepared and read by Samuel S. Grant, Vice-President of the Canadian Association of Opticians, Montreal, Canada, at the Convention of the American Association of Opticians, held at Boston, August 19-23, 1902.

Mr. President, Officers, and Brother Members of the American Association of Opticians, Greeting:

Gentlemen—The object of this paper is to tell the story of a sensation, and to trace the origin and effect of reflex action, and I must first declare to you that it gave me quite a sensation when our gifted and worthy president in his kindness of heart, asked me to prepare something for this convention, and realizing my inability to perform the task brought about another and very different sensation indeed; however, these lines came to my mind instinctively, and gave me courage:

If but one little thought of mine  
 Could make the world seem brighter,  
 If but one little word of mine  
 Could make a heart seem lighter,  
 God grant me power that thought to have,  
 And some dark path to brighten,  
 God grant me power that word to give,  
 And some sad heart to gladden.

So I set to work with a light heart, albeit with some misgivings, and repeated to myself: What is a sensation? We speak of a sensation as being created when something extraordinary happens, or anything unexpected occurs, of the sensation of joy, the bitterness of woe, the rack of anguish, the vituperation of hate, the terror of pain, the sweetness of relief, the stress of poverty, the ostentation of wealth, the arrogance of pride, the poignancy of grief, the wretchedness of guilt, the exultation of success, and the triumph of victory.

The great Dr. McCosh has proclaimed that sensation can be felt, but not seen, experienced but not defined, tangible but not material; that science has demonstrated the integumentary construction of living organisms, has laid bare the atonic mysteries of nature, but the microscope had to be invented that would open the portals of the soul or expose the molecules that composed the burning sensations of the human heart, but it is not my intention to-day to deal with these sensations, but to analyze the sensations of the nervous system, and more especially the influence of nerve impulse in reflex action.

First, then, what is a nerve?

Nerve fibres are composed of three parts, the outer coat, called the sheath of Schwann, so named after its discoverer, within which is a membrane which surrounds a delicate cylinder filled with a subtle elastic fluid, the medium through which the electric current passes.

Why is this medium fluid?

First. Because the various movements of the body are continually pressing upon the nerve sheaths, and interrupting the continuity of the electric current; consequently as soon as the pressure is removed, the fluid instantly unites and the current is restored. Second. Being fluid, its great homogeneity offers the least resistance to electrical action, for the highest magnifying power yet constructed has not enabled us to separate the molecules of water, and it has been said as illustrative of the inconceivable minuteness of the texture of water, that if the world were a drop of water, an orange in comparison would scarcely serve to demonstrate the size of a single atom of its substance. But nerve fibres are not nerves, it takes a bundle of nerve fibres to make a nerve.

The nerves have for their work that of messengers to all parts of the body; each organ has its messengers, dividing and subdividing, from the larger nerve trunks to the very tiniest nerve filament. There are two sets of nerve fibres in the nerves—the afferent or those that carry to, and the efferent or those that carry from. Each has its distinctive work to perform. The afferent carry all messages to the sensory part of the brain, and are therefore called the sensory nerves. The efferent take the commands of the motor part of the brain, and are therefore called the motor nerves, so that everything is done decently, and in order. And now we pass on to consider another very important factor in nerve action, and that is the nerve cells.

What is a nerve cell?

A nerve cell in appearance somewhat resembles

Comparing 4 and 4<sub>1</sub>, we have the following proportion:

$$5. C_1 : C_2 :: \frac{8s}{d^2} : \frac{8S}{d^2} \text{ or}$$

$$6. C_1 : C_2 :: s : S.$$

That is, the curvature of the two surfaces or arcs resting upon the same chord are directly proportional to the sagittæ of the surfaces or arcs. This principle, since it is based upon the approximate rule, becomes more and more exact the smaller the arcs considered. It is only approximately true for large arcs, but for infinitesimal arcs it is absolutely true.

The formula that expresses the value of the sagitta is as follows:

$$s = R - \sqrt{R^2 - m^2}.$$

### PROBLEMS.

1. What is the curvature of a line or surface whose radius is 5 in.? 8 in.? 16 in.? 10 millimeters? 10 centimeters?
2. What is the radius of curvature of a curve of 10 c.? 1 c.? 5 c.? 2.5 c.? 6  $\frac{1}{2}$  c.?
3. What is the radius in millimeters of a curvature of 100 c., 125 c.? 200 c.? 166  $\frac{2}{3}$  c.? 33  $\frac{1}{3}$  c.?
4. A round lead pipe has a circumference 31.416 in.; what is its curvature?
5. A tile drain has an outside diameter of 16 in. and an inside diameter of 10 in.; what is the curvature of outside? of inside?
6. What curvature has a knitting needle which is two millimeters in diameter?
7. If a lens is biconvex, the radius of the front surface being 8 in., of the back surface 5 in.; what is the total convex curvature of the lens?
8. If the back surface were concave, what would the lens be—convex or concave—and of what curvature?
9. A lens has a convex curvature of 16 c. on one side and a concave curvature of 10 c. on the other. What is the curvature of the lens—concave or convex—and how much?
10. What curvature have waves of light coming from a point 3.5 in. distant? 5.5-7 in.? 8 centimeters? 2 decimeters?
11. The sagitta of a curve, whose chord is 9 in., is 3 in.; what is the exact radius of the curve? What is its curvature?
12. Another curve with the same chord has a sagitta of 2 in.; what is the radius and what is the curvature?
13. The chord of an arc is one mile in length, its sagitta is 1 ft. What is the exact radius? Determine also the radius by the approximate rule and compare the two.
14. If with a chord of 20 in., the curvature is 1 millicurv. what is the exact sagitta for that curve?

(To be continued.)



## Optical Department.

a Medusae, that is, there is a central body from which filaments or tails go out in various directions. Wonderful things are these nerve cells, with their curious little tails which interlace with one another, and are supposed by this means to give continuity and concentration of nerve force and impulse, the more vigorous and potent the nerve cells, and the more their tails interlace, the greater the brain power, and anything that has a tendency to weaken or destroy these nerve cells has a corresponding influence on our powers of memory, conception, and intellectuality, for as old age creeps on, or disease attacks us, these nerve cells get smaller, and their tails atrophy and fall off, and in a corresponding degree our mental faculties decline. The nerve cells are gray in color as distinguished from the nerve fibres which are white.

It is in these nerve cells that commands are given and action created. The nerve fibres are the messengers and carriers, the nerve cells are the commanders; although the brain is the great center of the nerve cells, yet they are distributed about the body in various parts, especially in the vertebrae and spinal cord, where they play a very important part, thus, we may follow the parts and action of the nerve system as it works. The afferent nerve fibres flash up the messages of sensation to the nerve cells, and the efferent nerve fibres flash back from the nerve cells the commands of motion; so we may liken the nerve fibres to the telegraph wires or electrical conductors, and the nerve cells to the storage batteries in connection therewith.

Time will not permit me to explain all about nerve construction and nerve action, or I might enlarge about the 62 pairs of nerves that issue from between the vertebrae of the backbone, and trace each pair as they proceed as nerve trunks to the different parts of the system; how the posterior nerves carry impulses of sensation, and the anterior nerves carry commands of motion. As they carry it to the brain direct, will motion be brought into action, but if they carry it to the nerve cells only, action becomes spasmodic, instinctive; for in the brain, and brain only, is the seat of consciousness of knowledge, and there also dwells that wonderful part of man which is called his will, by which we can decide what to do, and how to do it; but if they take the messages to the nerve cells only, especially in the spinal cord, there is no consciousness, no will, its gray matter works only by impulse or instinct without thought or controlling power.

I could tell you about the great sympathetic system of nerves, which controls the action of the heart, the stomach, and the lungs, and which do their work independently of the gray matter or the cells, or the brain; not exactly independently, for the sympathetic system is intimately connected with the sensory and motor nerves, and can if it wishes call upon them for help in an emergency.

The study of all these things would be very interesting and useful, but my object to-day is to call your attention especially to the ocular nerves and ocular muscles, and the part they play in that peculiar phenomenon termed "Reflex Nerve Action."

I have already pointed out to you that the nerve fibres are the messengers and the nerve cells the commanders, but messengers and commanders would be of little use unless they had something to command. What they command is the muscles, the great and powerful army of muscles, the rank and file that do the actual work, that spring into action directly they are ordered, with an alacrity that brings to mind the famous charge of the Light Brigade:

"Theirs not to reason why, theirs but to do or die,"

and thus it is that the ocular nerves control the ocular muscles. Now, I am not going to occupy your time with a description of the ocular muscles, and the nerves that control them; I take it for granted that as "refractionists" you are well acquainted with them, their nature, and action, but we will tarry a little while in a consideration and analysis of reflex action.

What then is reflex nerve action?

Reflex nerve action is that nerve action that takes place without bringing in the aid of the will or consciousness, the action about which the gray matter receives information and gives out commands without the knowledge and uncontrolled by the will. Let me illustrate this by two word pictures: We are reading an interesting book,

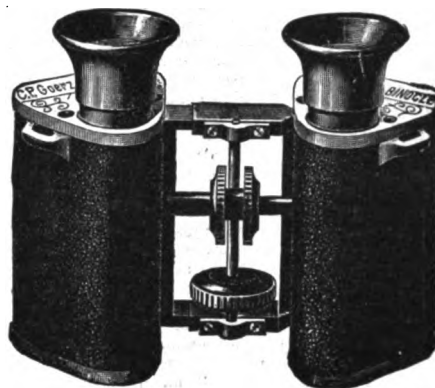
the wonderful and sensitive retinae and optic nerves are receiving and recording the impact of the light vibrations, while the brain is intently occupied with the all-absorbing sensations; as it drinks in the thoughts of the writer, you can readily imagine how fully taxed the brain and optic nerves must be in performing this work; at the same time the third, fourth, and sixth pair of motor nerves are steadily controlling the muscles of accommodation and convergence, thus two sets of nerve influence are at work at the same time, but how different their potential quality, the first of conception, retention, interpretation; the second, mechanical, adjusting, reflex.

Again the picture changes, and we are viewing a distant landscape; the optic nerves and brain are fully occupied with the reception and contemplation of the pictorial and intellectual feast,

recording with unerring rectitude the relative size, position, distance, perspective, etc., occupied with the sensation of hope. Ah, what a lovely thing is hope, creating and exciting pleasure, ecstasy, surprise, wonder, calling from their hidden recesses memories of the past, of comparison of similar scenes before enjoyed, until the very soul becomes filled with rapture as it gazes on and on, and pours out in one voluptuous impulse the burning sensations of the human heart; but while our mind and optic nerves are thus employed, another set of agencies are at work also, the ocular motor muscles, and their controlling nerves are steadily, quietly, unassumingly and industriously helping to form the picture, and give mechanical regularity and perfection to its every part; unknowingly does the brain receive their aid, unconsciously does the retinae accept their ad-

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*Prof. Geo. A. Rogers, Principal.*

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Its course embraces two years of study and two terms of personal attendance. The written work between the two attendance courses consists of the "Leaflet Lessons in Higher Optics," recently announced, which tend to shorten the attendance courses. No student is graduated upon correspondence work only, and only those who attain a high standard of excellence in technical and practical optometry is graduated at all.

The school is now practically organized and will receive students at any time after May 1. For fuller information address

*Geo. A. Rogers, Principal,*  
305 Stewart Bldg., CHICAGO.  
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justing influence, the brain and retina working in perfect harmony, the ocular nerves controlling the regularity of the muscles.

But how different are their functions, the one of sensation, conception, imagination; the other, mechanical, automatic, reflex, and this separate relationship is maintained day in and day out, the brain and retina on the one part, the ocular nerves and muscles on the other part, separate, yet indissolubly linked together, acting in harmony yet diverse as day from night; the one originating thought, will, sensation; the other acting with sleepless regularity governed by instinct; the one intellectual, ethereal, spiritual; the other morbid, blind, materialistic.

Do you now appreciate what reflex action is, what a delicate adjustment and equilibrium there must exist between nerve impulse and muscle response, what complete harmony must reign between nerve energy and muscle alacrity, how nicely balanced must be the relation between nerve supply and muscle adjustment. Should there be excess of the one or deficiency of the other, should there be any irregularity of compensation in the blending forces, then a disarrangement of the harmony must ensue, and a struggle to maintain equilibrium commences, the nerves call upon the muscles for greater regularity and concentrated action, the muscles call loudly for more nerve supply, the brain attacks them both, and urges them to greater and greater exertion, the nerve cells, the storage batteries become depleted of their power, the muscles become strained, twisted, and spasmodic, the strife waxing fast and furious, the battle rages hotter and hotter, and in this royal conflict, something must give way, either the muscles wear out the nerve cells, or the nerve cells wear out the muscles; if the muscles wear out the nerves, on comes the headache, if the nerves wear out the muscles, on comes the eye-ache; there is no escape until the brain, getting weary of the conflict, seeks relief in sleep and rest, but upon awakening again, the old battle recommences with the old result.

This is the condition that led Dr. Tiffany in his clever work on the anomalies of refraction in 1894, to bewail with bitterness of spirit and agony of soul, as follows: "That great confusion and suffering arise with a constant strain and effort

to co-ordinate. Medicines do not help, glasses do not help, rest does not help, it seems there is no help." But now the question arises, is there no "Balm of Gilead," is there no relief, is there no remedy? Yes, thanks to advancing optical science, there is a "Balm of Gilead," there is relief, there is a remedy.

I have pointed out that the nerve impulse is given by the nerve cells, that they are the storage batteries that give relief and action to the muscles; if the muscle is depleting the nerve supply there must be a constant leakage from the storage cell, and your duty is to stop the leak; if the leak is caused by an error of refraction, apply the remedy, and stop the leak; if the leak is caused by muscular imbalance, apply the remedy and stop the leak.

While I am writing this, my dear wife comes to me in distress with agony depicted upon her face. She has been tending her flowers in the garden and a little bristle has punctured her finger; she implores me to search out the cause and relieve the pain. I take my microscope, tweezers and refracting lens and quickly find and seize the offending mite, no larger than a needle point; it is withdrawn, and immediately relief ensues, and she rewards me with that sweet embrace that is characteristic of all wives that love their husbands. I mention this incident to point out that if a little "pin prick" at the end of the finger, so far from the brain can cause so much distress, what must be the effect of a constant cerebral disturbance excited and kept up by an irritating ocular nerve or an imbalanced muscular irregularity. So, I say to you, do not consider any error too small to be remedied; 0.12 diopter of error of refraction,  $\frac{1}{4}$  degree of prism influence may make all the difference between comfort and distress, between success and failure. Let your examinations be careful, searching, complete, and so earn for yourselves a place on the scroll of benefactors of mankind, and the gratitude and respect of the community at large.

Mr. President and brother members, I have but touched lightly on this subject, have but slightly opened the portals and exposed some of the beauties of investigation in the flower garden of our cherished and chosen profession, for I know that your time here is limited and precious.

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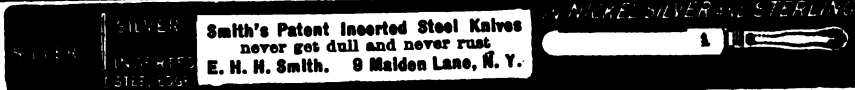
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## PROBLEMS OF THE WATCHMAKER'S BENCH.

[Copyright, 1902, by The Jewelers' Circular Pub. Co.]

By PUTEANUS.

### Technics and Working Methods in Horology.

WHEN we read the technical books of different authors on horology we often see that they contradict each other in their statements and sometimes, after having thought the matter over, we are at a loss to know how to decide.

In many instances it needs great experience and skill to solve the puzzle and most of those few who have had occasion to familiarize themselves with the works of renowned artists do not care, after a laborious life in watchmaking, watch adjusting, and watch repairing, to publish their valuable knowledge of practice and experience. Most of them need a rest or are unable to express their thoughts or else find some excuse in order to refrain entirely from all horological discussion.

It is therefore gratifying when Mr. H. H. Heinrich intends to make an exception and notwithstanding his age—80 years—is working to collect in book form his long experience in horology. Mr. Heinrich, before settling in this country, 37 years ago, was established in Chaux-de-Fonds and Geneva, Switzerland, during 14 years. He had then and there a watchmakers' school for watchmakers who had already passed their apprenticeship and who wanted especially to learn the theory and construction of escapements. He was a chronometer and escapement maker for Patek, Philippe & Co., also adjuster for the high grade watches made by Henry Capt.

When he came to New York in 1865 he was the only adjuster in the United States and was paid \$25 for the adjusting of a single watch. He worked four years for the firm of Tiffany & Co., as adjuster of their high grade watches. He was a marine chronometer maker during several years for the United States Government. His marine chronometers, which were exhibited in Berne in 1859, in Paris in 1889, and in Chicago in 1893, have been awarded prizes.

This introduction is not made for the purpose of overshadowing other writers, but only to remind those readers who do not know the artist that in following the discussions of technical problems in horology in which Mr. Heinrich intends from time to time to participate in the columns of THE JEWELERS' CIRCULAR-WEEKLY, they can expect a great deal of valuable information.

Although his discussions will only treat of the higher branch of horology, i. e., the more difficult and scientific part, it will always be narrated in a plain and popular style, so that the average watchmaker can easily understand and follow his discussions. On account of his great age Mr. Heinrich is hardly able to write down his experiences himself, wherefore, considering the interest of the craft in their publication, I have modestly offered my aid.

Some watchmakers may have had an opportunity to repair once in a while a Jurgensen's or a Lange's watch. They must at that time have observed the different peculiarities and features of those watches, which in principle differ from each other in many instances. Few, however, may have been able to explain where the manufacturers of those pieces of art were aiming at. This is explained clearly and concisely as follows:

Jurgensen's watches have a long fork; Lange's watches have a short one. Jurgensen aims to obtain less locking; therefore, a more easy unlocking, and also more safety of the fork against the roller.

Lange prefers a short fork, because he uses a double roller and because the impulse lift is less great.

Jurgensen uses a steel fork; Lange one of composition metal. Jurgensen prefers a steel fork because it can be made less heavy and will not easily alter its shape.

Lange wants a composition metal fork because in that case no oil is required for the play of the ruby pin and can also be manufactured easier. Jurgensen uses one single roller; Lange has two rollers.

Jurgensen needs only one roller because his impulse on the balance is greater, whereby he provides for sufficient safety of the fork against the roller. Lange's watch requires a double roller, because he only gives a small impulse to the balance.

Jurgensen wants an escape wheel of steel, while Lange wants it of composition metal.

Jurgensen wants a steel escape wheel because it is not as heavy and its teeth will not wear out quickly. Lange does not value this highly; he prefers one of composition metal because it can be more easily made and because it will not alter by any hardening process, this being done in his case before the cutting.

Jurgensen wants an escape wheel of small diameter; Lange wants one of great diameter. Jurgensen makes the escape wheel

small because he obtains by it an easy unlocking and consequently a small and light anchor. Lange's great escape wheel necessarily requires a great anchor.

Jurgensen wants a great impulse upon the balance, not less a lift than of 50°; Lange wants a small lift of 30°. Jurgensen wants a great impulse in order to obtain great vibrations, but his balance may be liable to set, which does not concern him much, his aim being to obtain an easy unlocking; Lange gives only small impulses, which make the balance perform less large vibrations, but which have the advantage that the balance will not set, a quality that is very much appreciated by Lange.

Jurgensen uses a large balance; Lange a smaller one. Jurgensen uses a large balance in order to make the short vibrations quicker than the long ones; Lange wants to obtain more motive power by using a smaller balance, in order to increase the length of its vibration.

Jurgensen makes the impulse faces of both pallets, the entrance and exit pallets of the lever, flat; Lange makes the impulse face of the entrance pallet convex and that of the exit pallet concave. Lange's aim is to make both impulse lifts equal, because the lifting, with the flat pallets lever, gradually increases by the entrance impulse lift and gradually diminishes by the exit impulse lift, in consequence of the change of position of the escape wheel and the lever during the action of lifting. It is for these reasons that Lange makes the entrance pallet convex, in order to lessen the lift at the end of the action, and in so doing to obtain an equal lifting during the entire impulse. The exit pallet is made concave in order to increase the action of lifting at the end of the impulse and in so doing to obtain the same action of impulse as that made by the entrance pallet.

In my opinion it would be better to make the exit pallet flat, because when more lifting is required at the end of an impulse and the hairspring is strained, the balance may set. I therefore would prefer to make the entrance pallet convex and the exit pallet flat, as this latter disposition will give more power to the escape wheel to finish the impulse, and thus to do away with that kind of a hook at the end of the impulse.

(To be continued.)

An interesting operation was performed in Chicago last week, when the great dial of the clock in the Board of Trade building was renovated and cleaned. The work was watched by thousands of pedestrians.



### Keys of Clocks and Watches.

(Continued from issue of Aug. 27, 1902.)

In Fig. 3, No. 1 is represented a crank key of the eighteenth century, furnished with a steel hook made to fold up in the interior of the head. It served to suspend the watch to the curtains of the bed by the chain to which it was attached.

No. 2 of the same figure was not a key, but only a hook designed for the use above described. Like the key represented in No. 3 these two objects are of the time of Louis XV, in chased and engraved gold, and are a part of the collection of M. J. Olivier.

The keys having the head in one piece with the square, decorated like the keys of seventeenth century clocks, of which we spoke previously, were more decorative than the crank keys. Examples of these were seen in Fig. 2, Nos. 1 and 2, taken from an old engraving of Michel Blondus. They are really the same heads as those of the crank keys and from which the keys made in the following centuries derive their origin.

As for the keys of the sixteenth century, we have the good fortune to be able to present reproductions of original designs dating from Louis XIV. Fig. 2, Nos. 3, 4 and 5 reproduced illustrations of Daniel Marot, taken from his work published in 1712.

Nos. 3, 4 and 6, Fig. 2, showed types of keys with two squares. The upper one served to turn the hands of the watch, and the lower larger one to wind up the spring of the works. It was at this time that the first keys were made with a ring at the top instead of the little square (Fig. 2, No. 7). The ring was either fixed or movable. This place for the ring, at the top of the key, remained the same until the commencement of the nineteenth century, when it was placed in the middle of the key.

Under Louis XV and Louis XVI, the

shown in Fig. 2, Nos. 8 and 9; these little pieces are of exquisite delicacy.

We illustrate in Fig. 3, Nos. 4 and 5, a key seen from both sides which was invented by Etienne Tavernier, watchmaker, at Paris, born July 13, 1756. This key

During the period of the Revolution one finds watch keys suitable to the taste of the time and reproducing patriotic emblems. The collection of M. Ch. Roblot shows us certain varieties. One of the most curious (Fig. 4, No. 1) is formed of a Phrygian



FIG. 3. WATCH KEYS OF THE 18TH AND 19TH CENTURIES.

indicates the day of the week, the day of the month, the phases of the moon, etc. Its working is very simple. In winding up the watch, the square of the works enters the key, pushes a stem inside, which causes each of the marks to advance one day.

Etienne Tavernier was brought up and instructed in the art of watchmaking by his father, whose specialty was, says the Dauphin Almanac of 1772, to construct objects of small dimensions, such as watches in bracelets, rings, heads of canes, etc. The keys of Tavernier are admirably executed; the circle which surrounds the dial is of red gold. We reproduce (Fig. 3, Nos.

cap, on the lower border of which is engraved, "Love only your Country." On another are seen the attributes of the three orders (No. 2), then the device, "Liberty of the Seas" (No. 3), "Liberty, Equality" (No. 4), "Washington" (No. 5). Another has "Revolution of the 18th August, 1789;" the 'Ca ira' is reproduced several times. All this is very much defaced and not very decorative.

Of the same time and belonging to the same collection (Fig. 4, No. 6) is a Masonic key, differing from the others only by the emblems of union, rule, compass, square and acacia branch. The charms shown in the same figure (No. 7) are also very interesting. They are triangles, hammers, compasses and squares of metal, very well executed. All this was exclusively emblematic and in no way decorative.

Under the Directory the key is found to be richer than under the Revolution. The fashion returned of the eighteenth century, of wearing keys and seals suspended from ribbons hanging over the breeches, but these trinkets were much larger than those worn a century before, and they gained a new vogue. These keys were generally of gold or of gilt copper with a stone in the center; topazes, amethysts, rock crystals being most in favor. Two reproductions (Fig. 4, Nos. 8 and 9) are shown herewith. The seal often accompanied the key. There were keys of this kind with some parts chased in colored gold, and even filigrees with fine stones, especially turquoises.

Under the Empire the key and seal were still made very nearly the same as those in favor with the "Incroyables." Sometimes the arrangements were such that the key itself, owing to a combination lever, could be used as a seal.

Fig. 4, Nos. 10 and 11, represents two keys of the time of the First Empire. One, entirely of gilt copper, has the eagle; the other, the portrait of the Emperor, sculp-

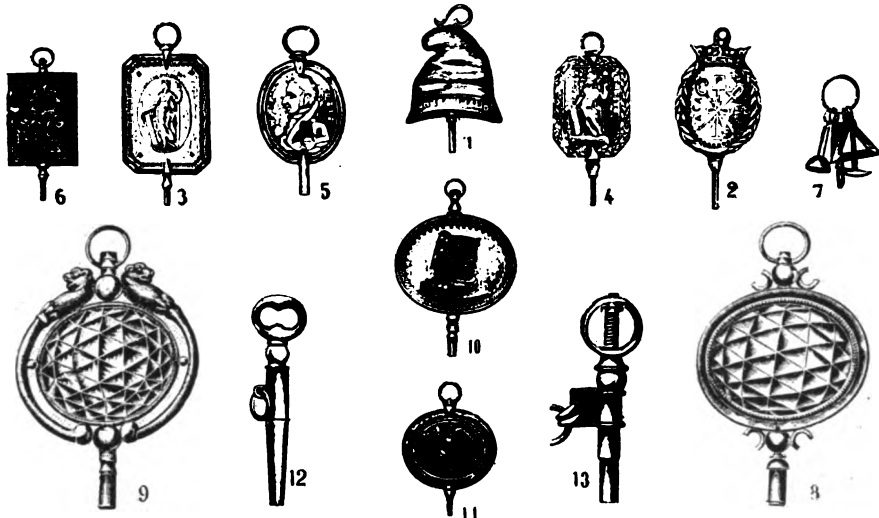


FIG. 4. KEYS FROM THE REVOLUTIONARY EPOCH, ETC.

keys, following the fashion in watches, were made considerably smaller, though no less handsome and precious.

Not only were they made of gold, but they were also ornamented with beautiful enameled paintings and studded with precious stones. Such are those previously

6 and 7) a key and a seal belonging to the collection of M. Albert Tissandier. These two pieces of the time of Louis XVI are of gilt copper. They represent fire balloons and are of a rather naive style of work; nevertheless they possess a certain charm in decorative composition.



tured on mother of pearl. These pieces belong to the collection of M. Ch. Roblot. Often these keys represent the portrait of the Empress, of the King of Rome, etc.

Besides, there were keys shaped like ordinary lock keys; others, whose bit was made to open, were used for scent boxes. We have seen one of gold which had engraved on the interior of the box the inscription, "I open the hearts." Others had a round or polygonal head which when opened formed a medallion (Fig. 3, Nos. 10 and 11). Under the Restoration very pretty keys were made of gold, especially for ladies' watches, with cornaline, agate, filigree, precious stones, etc. (Fig. 3, Nos. 8 to 12), or simply of gold or copper, such as we have seen under the Revolution and under the Empire, and such as we now find once more until their eventual disappearance. Others recall the decoration of gold watches, covered with ornaments and cloisonné flowers or in different translucent colors. The seals frequently matched the key (Fig. 3, No. 13).

The seal was made since the beginning of the seventeenth century, the proof being found in the designs of Daniel Marot (Fig. 2, No. 10).

Under Louis-Philippe, and under Napoleon III, gold keys with human or animal heads in high relief were made and others of which the head was a branch of coral or an amethyst, or which had no decoration at all (Fig. 4, No. 12). Long before this the Bréguet key with a ratchet was made (Fig. 4, No. 13). This had a simple ring for a head.

There was also made the Barette key, which served to hang the chain to the vest and also to attach the watch.

The stem winder has given the death blow to the watch key, which must needs disappear, after struggling nearly half a century against it, and after an existence of nearly four hundred years.—From the French of Mathieu Planchon in *La Nature*.

### Original Conceptions in Clockmaking.

ONE of the many most curious mechanisms in the world, says a western exchange, is a Frenchman named Le Boullat, living at La Coutances, who has made himself famous for the curious clocks he manufactures. He can make a clock out of almost any conceivable material. Straw and paper are among the raw materials he uses. For 20 years he has been manufacturing freak clocks and most Frenchmen who want something out of the common in that line apply to Le Boullat.

A while ago he turned a lot of newspapers into pulp, mixed it with hardening substance and carved the clock out of the compound. Even the wheels and all the machinery of the clock were made of this material. Naturally this curious clock does not keep very correct time, but the wonder is that it goes at all. The newspaper clock is one of Mr. Le Boullat's latest triumphs.

Another of his designs appears to be merely a collection of large and small sticks held together by wires. It is only upon close inspection that one sees that it is a clock constructed on excellent principles. It

keeps very fair time, never varying more than two minutes in a week.

Now and then the clockmaker receives commissions from wealthy Frenchmen for clocks of unique design in silver or gold, decorated with precious stones. Some of these clocks are entirely made of gold, with diamond-tipped hands, and rubies, garnets, pearls, opals and emeralds to represent the figures on the dial. Some of his clocks are beautiful works of art and a few of the most interesting specimens are among the smallest of timepieces.

### A Watch in a Diamond Setting.

THE accompanying illustration represents a peculiarly designed watch, lately described in a daily exchange. The cut shows the watch opened in the form of



UNIQUELY DESIGNED BROOCH-WATCH.

a beautiful flower. The two leaves can be closed and all one sees then is a magnificent flower decorated all over with diamonds and rubies.

The watch itself, representing the chalice of the flower, is but  $\frac{1}{4}$ -in. in diameter. A safety pin is attached to this work of art, by means of which the watch can be worn as a brooch. A slight pressure on either of two diamonds opens the flower, thus showing the time.

The watch was made by P. Galli, of Zurich, Switzerland. He worked six months on it and the watch was recently sold at the handsome price of 10,200 francs, about \$2,040.

### Bornholm's Watchmakers Disappearing.

THE clock and watch industry of Bornholm, once famous all over Europe for its excellence of workmanship, says the *New York Times*, and for over a century the mainstay of the island's village population, has died out. Herr H. P. Dam, the last of the old Bornholmian masters, who elevated their trade to the dignity of a fine art, as did Benevenuto Cellini of old, and whose nimble hands made watches and clocks for princes of the blood, has just completed his

last work—a watch for the American merchant in Copenhagen, Mr. Victor Holmes.

This watch, entirely hand-made, shows both seconds and minutes. Its cost is 300 kroner (about \$80), and it is said to be in every way a fine specimen of the best work of the old masters. Now, however, the art is dead. Modern machinery and the cheapening process which to-day enables any one to possess a timepiece, have forced the hand-made watches to the wall, and their expert makers have returned to their old vocation of fishing.

Probably some readers are unacquainted with the location of Bornholm. It is a small island far out in the Baltic Sea, with a superficial area of about 220 square miles, and a population estimated to be close to 40,000. The island belongs to Denmark, and fishing was for ages the chief vocation of the population.

But one dark night in the middle of the eighteenth century an English vessel went ashore and broke to pieces near the township of Ronne. There was nothing really unusual in that. Bornholm's coast line is high and rocky and full of dangerous reefs and shoals, and annually hundreds of ships had found a tragic ending there.

But this particular vessel happened to have on board a cargo of Geneva watches. (In those days Switzerland was the Mecca of the art of clockmaking.) Some of these clocks and watches were rescued and greatly surprised the ignorant natives. Clocks were rarities in those days, and the good Bornholmians had probably never even heard of them before.

They, therefore, feared at first that the devil had something to do with this nefarious work, and were for tearing the things to pieces. But the Winter nights being long and dull on Bornholm, a more scientific investigation of the "infernal things" was begun, and soon the inquisitive minds were bent upon emulation rather than destruction.

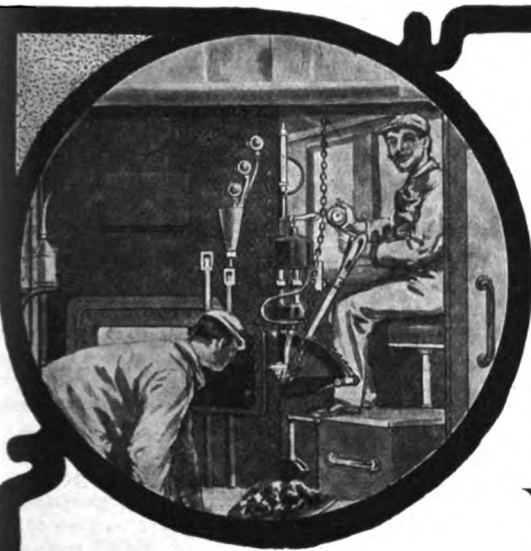
And this was the beginning of the famous Bornholmian clock industry. In a few years the ignorant fishermen became so expert in making clocks that the trade from Switzerland fell off perceptibly and soon the colony around Ronne was supplying the aristocracy of Scandinavia with timepieces of all sorts. Napoleon was presented with one by Bernadotte when that famous Gascon led an army into Scandinavia, and the Kings of Denmark became patrons of the art, so that many of the first masters waxed both opulent and famous.

### Only One Wilmington Clock Strikes.

THERE is now but one public clock in Wilmington, Del., which strikes the hour, says a daily exchange. It is the timepiece on the Court House. The Federal building clock is without a striker and the City Hall clock does not strike because the striker wore out years ago and was never replaced.

Formerly the City Hall clock struck regularly, and many depended upon the strokes to know the time, but this has been so long ago that many people have forgotten that the clock ever struck the hour.





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## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 222.—Bench Lathe.**—*Would like to buy a bench lathe to make screws, taps and other similar jobs. Can you recommend the Moseley lathe for such purposes?* B. L. C.

**ANSWER:**—Without any intention of depreciating lathes of other manufacturers, it can be stated that the Moseley lathes have successfully stood the test of all the exigencies of mechanics during a long period. The chucks of the Moseley No. 4 bench lathe will self center and hold wire, enabling one to make drills the size of a hair or of the full capacity of the lathe. They can be used in the same chuck or lathe or any other tool for any purpose; will grind out the smallest hole or grind off a crank pin; make a tap or screw any size or thread wanted, 6 to 500 pitch, or cut it with dies; will rapidly make straight or taper pins, or of irregular shapes; will change the length or head of screw, reduce the body, square up the shoulder or shorten it, round the point or make it flat, turn, grind or mill anything within its capacity. If you want to have an idea of what can be accomplished with these lathes visit the shop of the company and see them at work, or call on their agents, who can show you where the lathes make themselves indispensable to users.

**QUESTION No. 223.—Gold Coloring Solution.**—*Kindly favor me with a gold coloring solution, Roman and plain.*

T. H. H.

**ANSWER:**—Separate solutions are not required to obtain different colors in gilding, but by moving the articles about in the bath the operator can vary the color of the deposit from pale straw to a very dark red. The temperature of the solution likewise influences the color of the deposit, the color being lightest when the solution is cold and gradually becoming darker as the temperature increases. Variations in the surface of anode exposed while the articles are in solution, will also alter the color of the deposit. The amount of cyanide in the bath and the strength of battery power affect the deposit in the same way. If there be not sufficient cyanide in the gold solution the anode will not become freely dissolved; consequently the solution will soon become exhausted of its gold and the gilded articles will have an inferior color. Adding more cyanide under such circumstances will not remedy the defect, but a little concentrated solution of gold should also be added at the same time. When silver or silvered objects are constantly gilded in a bath, it will yield a somewhat greenish gilding in consequence of the absorption of silver or a reddish gilding due to the absorption of copper, if copper or coppered articles are constantly gilded in them. In order to obtain a deposit of green or red gold with fresh baths the tone giving addition of metal must be artificially effected.

**QUESTION No. 224.—Geneva Prize Contest.**—*In your issue of July 23 you gave the record of performance of the prize win-*

*ning watches at the last Geneva prize contest. I do not fully understand how they arrive at certain conclusions and would ask that you explain the following questions, which I believe will be of interest to all watchmakers who are striving to reach a certain degree of perfection. Explain how they determine the daily error, the mean error of position, the error of compensation and also what is meant by the error in retaking the rate. After these errors are known how do they determine the number of points that should be allowed?*

F. M. I.

**ANSWER:**—Only an extract of the report of the prize contest was given by us, as we thought watchmakers would not be over-interested in further details concerning the question. We are pleased, however, that readers of THE CIRCULAR—WEEKLY give us an indication as to the kind of articles they want, and as we are writing in order to be useful to our readers, we may just as well spend our time in reproducing lectures that will satisfy the more general demand. The rules of the prize contest were the following: A maximum of 300 good points is proposed for each watch.

I°—100 points are allowed for the average daily rate. They are to appreciate the regularity of the daily rate.

II°—100 points for the mean error of position. This is for errors in the rate in horizontal and vertical position of the watch.

III°—70 points for error of compensation; or, in other words, in changes of temperature, extremely low and high temperatures.

IV°—30 points for retaking of the rate, which is the difference between the mean rate at the beginning of the experimental period and the mean rate at the latter part of the experimental period. These limits correspond to zero, good point for each rule. The maximums 100, 100, 70 and 30 would correspond to a zero value of variation, which has never been attained and cannot be attained in the first three cases. It is only seldom attained in the fourth instance for the retaking of the rate. The periods of observation are all of the same length of time for the different positions and temperatures. In order to calculate the number of good points the simple rule of three may be applied by taking as a base the number of points and the extreme limits of error allowed in each particular case. So, for instance, the watch that made the highest number of points (243) had the following rate: I°, mean daily error, 0.13 seconds; II°, mean error of position, 0.48 seconds; III°, mean error of compensation, 0.05 seconds; IV°, mean error in retaking the rate, 0.5 seconds. The number of points are derived therefrom as follows:

I°—100 good points and limit of error, three-quarters of a second (0.75 sec.). Number of good points =  $(0.75 \text{ sec.} - 0.13) \times \frac{100}{0.75} = 82.66$ .

II°—100 good points and 2.5 sec. limit of

error. Number of good points =  $(2.5 \text{ sec.} - 0.48 \text{ sec.}) \times \frac{100}{2.5} = 80.80$ .

III°—70 good points and 0.2 sec. limit of error. (The article of July 23 erroneously states 5 seconds as the limit.) Number of good points =  $(0.2 - 0.05) \times \frac{70}{0.2} = 52.50$ .

IV°—30 good points and 5 sec. limit of error. Number of good points =  $(5 - 0.5) \times \frac{30}{5} = 27.00$ , which gives a total of 243 good points for the watch with the best result.

**QUESTION No. 225.—Roman Coloring.**—*Would you, please, send me the receipt for Roman coloring?* Ch. A.

**ANSWER:**—Please read answer to Questions No. 185 and 223.

**ANSWER TO QUESTION No. 123:**—I have a ballbearing polishing lathe made by a local bicycle repairer and think perhaps it will interest the querist. He can write to Loyd Bros., Muncy, Pa. Yours truly,  
PERRIN W. CAMP, Muncy, Pa.

### The Product of Burned Aluminum.

THE burning of aluminum gives saphires and rubies in the place of ashes, says a well known scientist in the Cincinnati Enquirer. An instance of burning metal for the sake of light is furnished by the "magnesium star," a contrivance by which a shell packed with magnesium and attached to a parachute is fired electrically high in the air, thus producing an illumination of the ground beneath at night. This finds its use in warfare. Recently aluminum has been found to be an admirable fuel for producing an intense heat to be used in welding. This kind of metallic fuel has assumed much industrial importance at Essen, Germany, where in consequence metallurgy enters upon a new phase.

### An Historic Old Clock.

A RESIDENT of Huntington, Pa., has in his possession a clock that was built at Paisley, Scotland, by Eavn Skeock, in 1560, and was owned by John Knox, the great Scottish reformer, from whom the present owner is a lineal descendant. John Knox died in 1572. His big clock was handed down to his family for nearly one hundred and fifty years, when it finally came into the hands of John Witherspoon, father of one of the signers of the Declaration of Independence. When John Witherspoon, the son, left Scotland in 1768, to take charge of Princeton College, he brought the old heirloom with him, and when he was elected to the Continental Congress the old time piece was ticking in his parlor, and indicated the hour of his departure to transact his patriotic duties.

### First Woman Watchmaker Recognized by Watchmakers' Guild.

AFTER 50 years of obstinate resistance to woman labor, says the N. Y. World, the Watchmakers' Guild has at last granted a certificate of competence to a girl, Gisela Eibuschitz, who is the first woman watchmaker to be recognized in Vienna. This innovation is sternly resented by a large body of the trade.



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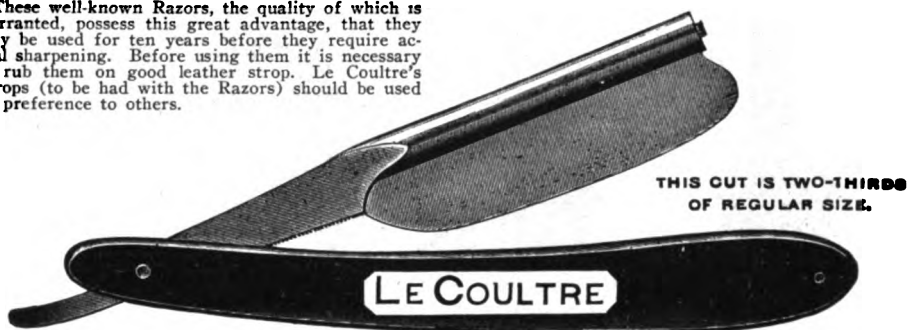
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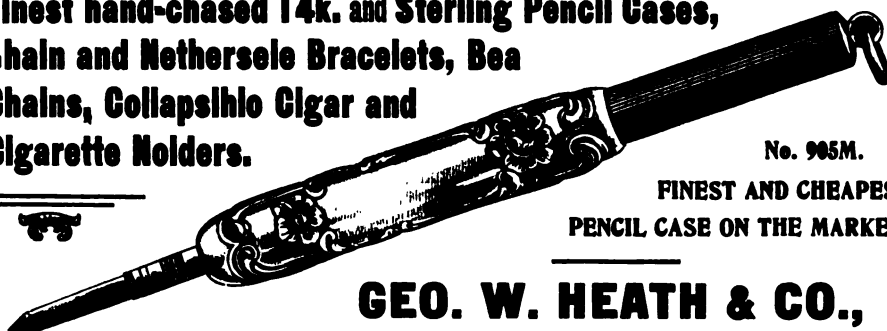
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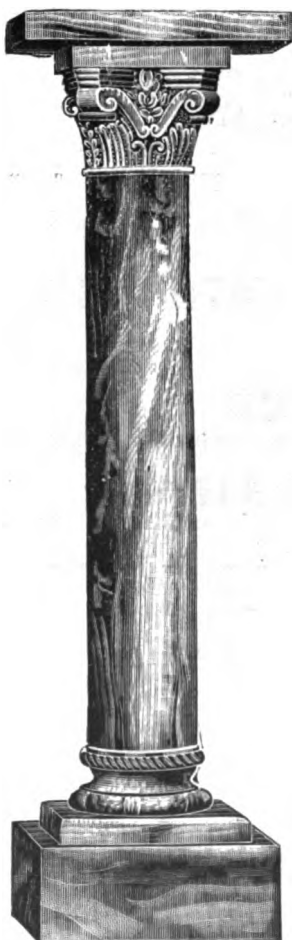
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

**BAWO & DOTTER**, 32 Barclay St., New York, recently received a handsome lot of Austrian china ornamental pieces suitable for jewelers. The line embraces fancy gold stamp plates, plaques, tankards, jugs, ale mugs, shaving mugs, sideboard pieces and punch bowls. The pieces come with handsome solid color bands in green and maroon and are decorated with rich gold print designs. The centers are illustrative of English hunting scenes, the chase and the fox hunt. Another line of ornamental china goods has panel centers, six colored borders and the godron edge. Like the former line they are handsomely decorated and thoroughly artistic.

#### FRENCH CHINA SET.

A FULL line of fine French china tea and game sets can now be found in the ware rooms of Endemann & Churchill, 50 Murray St., New York. Much care and pains have been taken in finding designs and decorative work suitable to this particular class of goods and the result is a line that any jeweler may be proud to handle. The pieces are tasteful and simple in color, pattern and shape and many of the designs and color effects have never appeared before on any kind of china. The line includes a number of beautiful dinner sets that are fantastic and odd in the extreme. Many of the vases have the shape and general color effect of the bird, dolphin and other animals and reptiles.

#### AMERICAN ART POTTERY.

THERE are few, if any, buyers of fine American art pottery who are not familiar with the line exhibited in the show rooms of S. A. Weller, 57 Park Place, New York, where are to be found on display some of the finest specimens of ceramic art ware shipped to the metropolis. Some remarkably fine color effects now shown range from pale yellow and green to deepest brown and black and cover all the intermittent shades which blend in elusive hues. These are on a fine line of vases and jardinières, just received from the Zanesville, O., factory. The vases come in all shapes, while the designs are new and consist mostly of floral groups and pastoral scenes. In addition to this line there are some beautiful pieces of their Oriental ware, which is distinguished from the regular Louwelsa lines by its raised floral and fruit group designs. These designs are all

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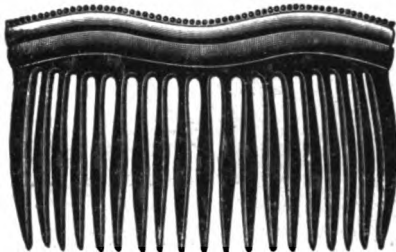
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highly colored and are in relief against a dark colored background of shaded brown, yellow and green. THE RAMBLER.

### Dismantling of the Old Hall Pottery Works.

It looks like the "handwriting on the wall" when we find one of the oldest houses in the potteries closed and the whole of its stock in trade and plant sold by order of the receivers for the debenture holders, says a special contributor to the *Pottery Gazette*. The sale by public auction of all that belonged to the Old Hall Earthenware Co., Hanley, took place on the works on Tuesday, July 8, and following days.

There is something pathetic in the closing under such circumstances of an old historical Staffordshire pottery like the Old Hall works. Job Meigh, the founder of the works, was a contemporary of Josiah Wedgwood; the manufactory was but a few years ago one of the leading houses in the industry. Those who are watching the trend of current events do not regard the fact that a particular company should be compelled to wind up its affairs as the most serious feature of the case. Is it not of far more serious import that the condition of the British pottery trade is such that no person or company is desirous of securing as a going concern a manufactory with such a prestige and such a plant as that of the Old Hall Pottery? That the patterns of the company stand high in the estimation of the trade was shown in the satisfactory prices obtained for some of them. Engraved plates were secured by such firms as Doulton's, Burslem; Burgess & Leigh, Burslem; Jones & Son, Stoke-on-Trent; Grimwades, Ltd., Stoke; Wagstaff & Brunt, Longton; the Empire Porcelain Co., Hanley, and others. There was competition for some of the best known patterns and for these high prices were obtained.

The bulk of the engraved patterns, however, were bought as scrap copper for the mint at ½d. per lb. Several tons weight of copper plate were thus disposed of. Towards the end of the sale the price for this scrap stiffened a little and 6d. per lb. was

obtained. The concluding day's sale consisted of the remainder of the stock. A soup tureen and stand, vegetable dish, two sauce tureens and stands and three plates, in mazarine blue, were purchased for the Stoke Free Library for £19. A large dish with view of Windsor Castle and Queen Victoria and house party meeting Lord Peel was bought by Mr. Richie, of Stoke, for £11. The principal buyers were gentlemen in the neighborhood.

With the exception of the Stoke Free Library, no local library or museum has taken advantage of this opportunity to secure specimens of superb local production. This indifference will possibly be regretted some day. The highest price marked for copper plate engravings was 11s. per lb., bought by Messrs. Wagstaff & Brunt, Longton ("Fashoda"). Burgess & Leigh, Burslem, paid a similar price for the "Iris" toilet pattern. The highest price paid for a dinner shape was £30, bought by Wilkinsons, Ltd., Burslem.

The highest price realized for a toilet shape was £9 for the "Oriol," bought by Messrs. Myott, Sons & Co., Cobridge; this firm also secured the newest productions of the Old Hall, viz., the "Washington" shape dinner ware and "Ivy" pattern. The highest price for one set of engravings was for the "New Willow," purchased by the Empire Porcelain Co., the sum being £21 12s. 8d.

It perhaps would not be difficult to trace the causes which have led to the collapse of a great house like this. Those causes are operating in other directions, but happily not with the same results.

Coronation mugs and souvenirs are and have been most plentiful in England. Besides the king's order, Doulton & Co. have turned out some hundreds of thousands, and their warehouses have been occupied by stacks of mugs, which were rebuilt as fast as packed. Grimwade was another manufacturer who received hosts of orders for these mugs.

The popularity of rock crystal glass continues to increase, stem ware being in great demand.



136.

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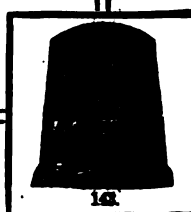
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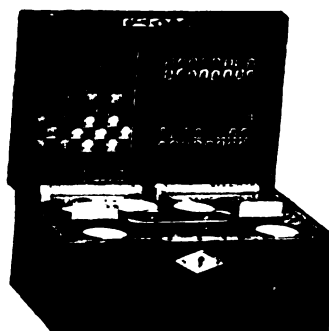
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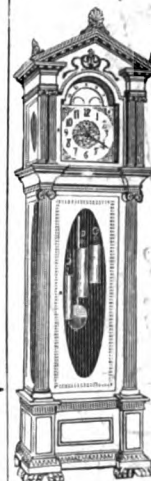
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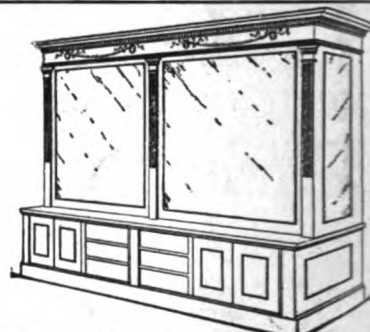
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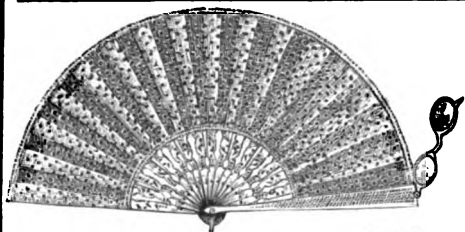
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, SEPT. 10, 1902. VOL. XLV. No. 6.

## A UNIQUE AND ARTISTIC PRIZE BELT

ONE of the principal prizes awarded last week at the Open Air Horse Show in Denver, Col., was the belt presented to the winner of the rough-riding and bronco "busting" contest, which was one of the most exciting events of the show. For this event picked riders from all parts of the West entered and the contest was spirited.

The belt was made especially for the occasion by Deitsch Bros., New York, and is a representative piece of silver work that will rank with the finest productions of this house. It is made entirely of sterling silver, weighs 75 ozs., and is 36 inches long and 3 inches wide.

As will be seen from the illustration, it

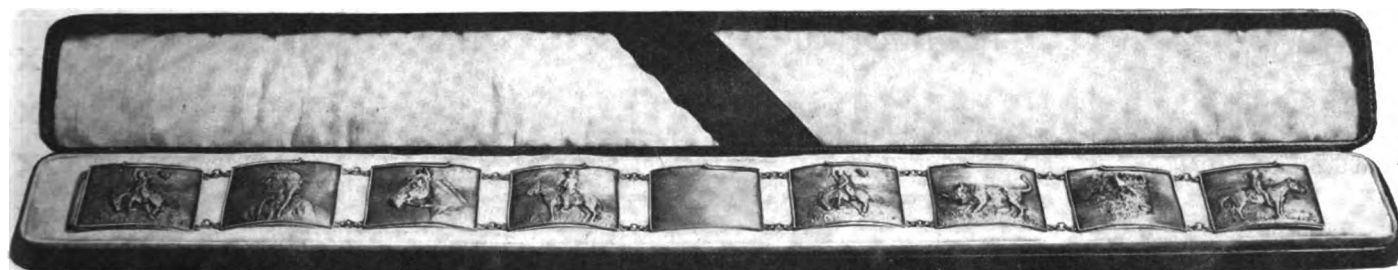
10 days, the order being placed on August 9, and the prize completed and shipped by the makers on August 18.

### Turquoise Mining in Mexico.

UNTIL within the last 12 years this beautiful "gem of the mountains" was supplied to the civilized world from a mountainous district in Persia, not far from the town of Nichabour, although turquoise was known by the aborigines of this country and the ancient inhabitants of Mexico before the conquest, and was used as ornaments by the Indians and for the inlaying

Persian, for its deeper, richer blue, and its soft, velvety appearance when polished. Owing to its greater power of absorbing the light, when dressed and set, it is much more difficult to imitate by art than the Persian gem.

The true form of the stone, as it occurs in nature, has a tendency to the reniform or kidney shape, but is often modified by pressure or contact with the surrounding formation, and the shape elongated, or otherwise distorted. In many instances the matrix has solidified around the turquoise until there is little or no cleavage between the two. The most perfect specimens of the true shape of the original form are



PRIZE BELT MADE FOR DENVER OPEN AIR HORSE SHOW.

is made in nine sections, eight of which are in the form of panels, showing beautiful designs in relief, all thoroughly appropriate to the purposes for which the piece was intended. The panel at the extreme left shows a bronco "buster" in the act of mastering a horse, the next contains a finely modeled bust of an Indian, the third the head of an Indian race horse, the fourth, a cowboy on horse back. The panels on the right of the center show respectively the bronco "buster," a steer, a buffalo and an Indian on horse back.

Each square or panel is framed with an edge representing a lariat, while the links between the panels are made of wire, also having the appearance of a lariat.

The belt was manufactured in less than

of the gorgeous golden furniture used in the court of the Aztec kings. But to-day (a fact that is not generally known) the great bulk of the world's supply of this gem is taken from the mountains of New Mexico, chiefly from the Burros, near Silver City, in Grant County, the Jarillas and Cerillos mountains north of El Paso, in Dona Anna County.

From these regions, by the enterprise of private individuals and organized capital, many millions of dollars worth of these beautiful stones have been sold in the eastern markets, and there is no abatement in the demand for them. The New Mexican turquoise, which is rapidly coming to be recognized as the distinctive American gem, seems to be more admired than the

found imbedded in the talc seams, where the nodules occur free and are incrustated in a white coating, or hull, which is easily removed.

In old Indian graves in the southwest turquoise beads and ornaments have been found, whose exquisite polish and delicate perforation, by which they could be strung about the neck of the wearer, has excited even the wonder and admiration of the modern lapidary. It was the excavations made by these ancient inhabitants that led the modern prospector to the rediscovery and location of these valuable deposits; and in opening these old workings stone hammers and pottery in considerable quantity were taken out. Mr.

(Continued on page 9.)







# ALVIN DEPOSIT WARE



Our deposit ware line is larger and more artistic this year than ever before. The Alvin Company's reputation for designs and finish is sufficient to guarantee the beauty of productions recently placed upon the market. A complete line can be seen at both our offices.

ALVIN MANUFACTURING COMPANY  
54 MAIDEN LANE. NEW YORK. 41 UNION SQUARE.





18 K  $\infty$

## PLAIN SOLID GOLD RINGS

OUR SPECIALTY.

We have been making Plain, Solid Gold Rings since the year 1850—more than half a century.

Our wedding rings are the best that can be made and we sell them at the lowest prices that square Karat and perfect rings can be sold for.

We are also actual Diamond Cutters and sell direct to the retailer and so can furnish at much lower prices than you can buy for elsewhere.

If you come to N. Y. this fall, call and see our goods, we will be pleased to receive your mail, and place a desk at your disposal for your correspondence.

**J. R. WOOD & SONS,**  
No. 2 MAIDEN LANE, NEW YORK.

Manufacturers.  
Seamless Plain Solid Gold Rings, Engraved  
Rings, Diamond Rings, Mountings, Chains,  
Ladies' Stone Rings. Diamond Cutters.



*Our*  
*Motto:* **Individual Freedom of Business**

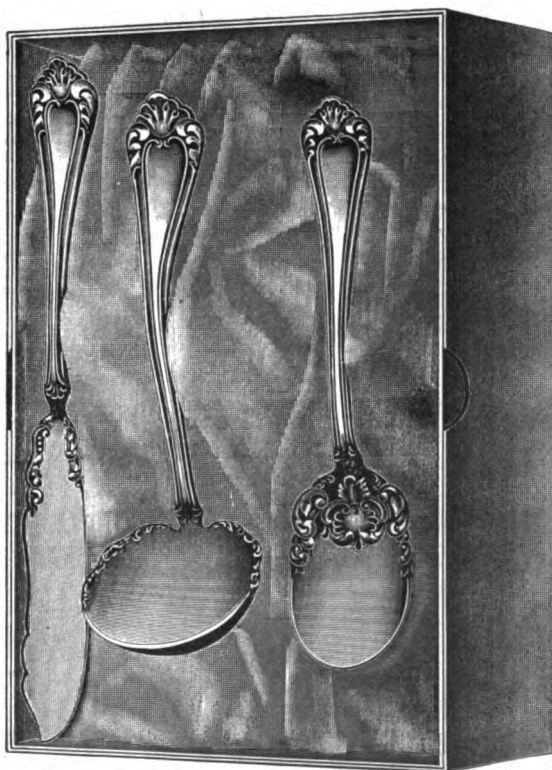
**NO COMBINE OR  
ASSOCIATION WITH TRUSTS.**

*We aim to manufacture the highest quality of goods; modern and  
classic designs, of superior finish, made by best of  
workmen, in our own factories.*

DO YOU WANT TO JOIN US IN THE FIGHT FOR  
**MANHOOD VERSUS TRUSTS?**  
IF SO WRITE FOR CATALOGUE AND QUOTATIONS.

**SIMEON L.**  
— AND —  
**GEORGE H.  
ROGERS  
COMPANY,**  
P. O. BOX 1205,  
Hartford, Conn.

— FACTORIES. —  
**HARTFORD**  
— AND —  
**WALLINGFORD,**  
CONN.



PURITAN No. 1333 SET.

Manufacturers of  
**High Grade  
Silver  
Plated Ware**

New York Office,  
22 JOHN STREET.

Philadelphia Office,  
506 COMMERCE ST.

Boston Office,  
403 WASHINGTON ST.

Chicago Office,  
84 WABASH AVE.

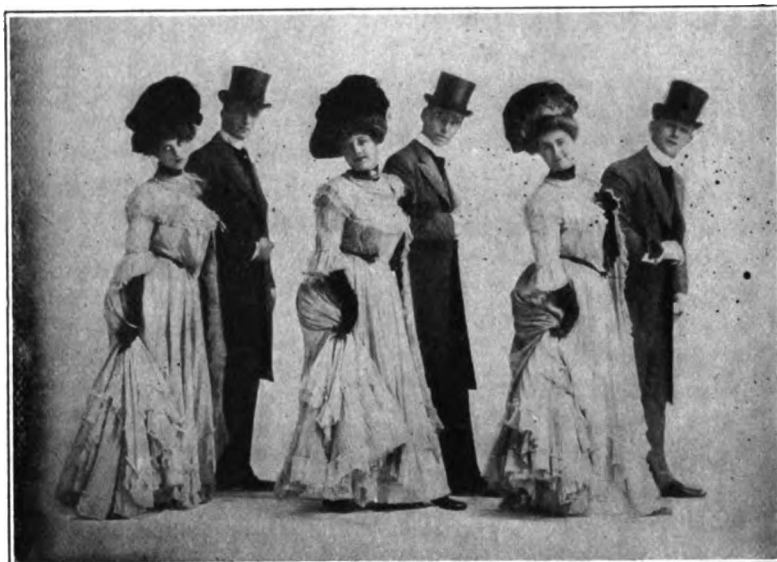
Atlanta Office,  
712 AUSTELL BLDG.

San Francisco Office,  
112 KEARNY ST.

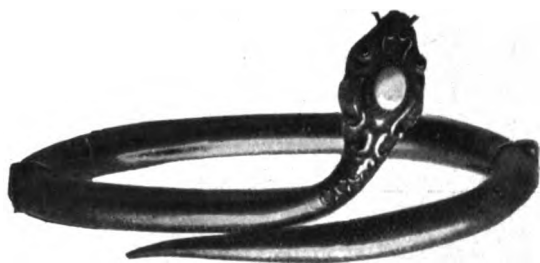
Toronto, Can., Office,  
570 KING ST. WEST.



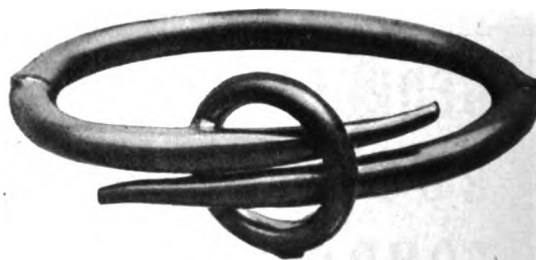
# The "Florodora" Bracelets.



FLORODORA GIRLS WEAR THEM.



PATENTED  
JULY 8,  
1902.



Fifty Patterns in Sterling Silver only, finished in Polished or Satin Silver,  
Silver Gilt or Oxidized.

IN STOCK OF LEADING JOBBERS.

**W & D**

**WHITING & DAVIS,**

MANUFACTURERS,

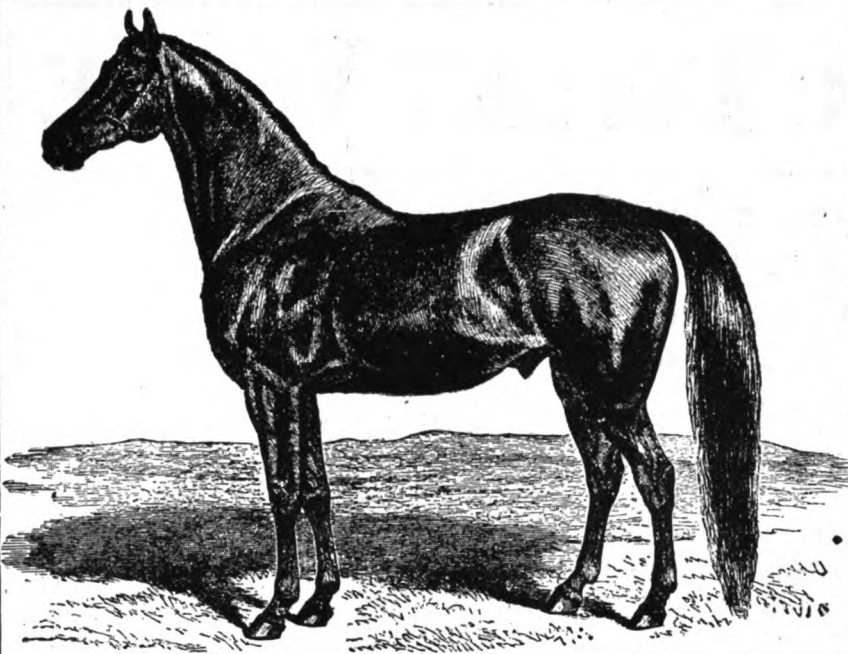
NEW YORK OFFICE,  
14 JOHN ST.

PLAINVILLE, MASS.

CHICAGO OFFICE,  
103 STATE ST.

**W & D**





# A Well Bred Watch Case

IS LIKE A WELL BRED HORSE,  
USEFUL,  
STRONG,  
LASTING,  
BEAUTIFUL.

## Fahys Cases Are Well Bred.

NOT "AS GOOD AS" BUT  
THE BEST IN THE WORLD.

FAHYS  
MONTAUK  
20 YEARS.

FAHYS  
14 F. K.  
25 YEARS.

---

# JOSEPH FAHYS & CO.,

FAHYS BLDG., 54 MAIDEN LANE, NEW YORK.



# MAUSER TOILET WARE

is more popular this year than ever before. Our BOUGVEREAU and WATTEAU Sets are unapproachable. We enter first and alone the field of applying the work of the Master Painters to the metal worker's art.



BOUGVEREAU HANDLE MIRROR.  
"NYMPHS and SATYR."

Do not overlook our "LaVision" L'Art Nouveau and La Du Barry Toilet Sets before placing your Fall order.



WATTEAU RING MIRROR.

Our well assorted line of Bread Trays and Berry Bowls as also an extensive line of Deposit Ware will help to increase your sales immensely this Fall.

925 / 1000  
FINE

Hollow Ware



999 / 1000  
FINE

Deposit Ware

**The Mauser Manufacturing Company,  
Silversmiths,**

Factory and Salesrooms: 14 East 15th Street, bet. Broadway and Fifth Avenue, New York.

Wholesale Show Rooms: 15 Maiden Lane, New York. 126 State St., Chicago.



**A Unique and Artistic Prize Belt.***(Continued from page 1.)*

Porterfield says: "The frequent occurrence of charcoal in the old workings led to the belief that the mining was accomplished by first heating the rock and then pouring water on the heated surface, causing it to crack. Then the stone hammers were brought into requisition to separate the matrix from the turquoise. This process was, necessarily, very slow, and the amount of work accomplished here must have taken many years of tedious, patient toil, and, measured by our valuation of time and labor, would have made the gems thus extracted worth hundreds of dollars per karat."

Even with all our modern conveniences for mining it is no small task and requires special skill and caution to take out turquoise from a mine without destroying as much of the material as is recovered. The quick action of giant powder is not considered as satisfactory as black pow-

der, and even the "water blast" would, in some cases, be more economical. The Burro Mountain mines were discovered about 11 years ago. The sentiment of the turquoise gem is "Prosperity: Soul Cheer."

If cold December gave you birth,  
The month of snow and ice and mirth,  
Place on your hand a Turquoise blue,  
Success will bless whate'er you do.

—El Paso Miner and Manufacturer.

**Career of the Late Adolph D. Reichel.**

QUINCY, Ill., Sept. 3.—Adolph D. Reichel, who died a week ago in this city, after a lingering illness, was for many years in the jewelry business here and was one of the most prominent citizens of this town.

Mr. Reichel was a native of Heilbronn, near Odessa, Russia, and was born about 69 years ago. After receiving his education he learned watchmaking in Stuttgart, Germany, and so proficient did he become in his trade that for several years he had charge of the clocks in the royal palace of that city.

As a young man he came to the United

States and after remaining a short time in New York, went west and settled in Louisiana, Mo. Here he engaged in the jewelry business and remained until 1867, when he moved to Quincy. He lived here continuously from that time and for a number of years followed the jewelry business, giving it up to seek lighter employment.

Mr. Reichel was married April 4, 1867, to Louise E. Metz, who died three years ago. He is survived by two daughters, Mrs. Frank Bishop and Miss Florence Reichel.

**Bloodhounds Fail to Trace Thieves who Robbed Vincennes, Ind., Jeweler.**

VINCENNES, Ind., Sept. 3.—Thieves entered the store of J. S. Hobbs, Monday night, and stole watches and diamonds whose value is estimated by Mr. Hobbs at \$500.

After the robbery was discovered a brace of bloodhounds traced the thieves to the Wabash river, where the scent was lost.

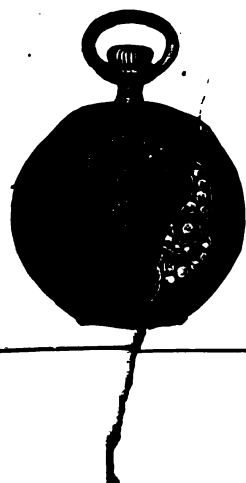
It is believed that the robbers escaped by taking a skiff over to the Illinois shore.

# Charity

is supposed to begin at home, but often begins nowhere, and that is just where it should begin and end in business. You don't want Charity; you don't expect Charity; and you don't get Charity. Charity is said to cover a multitude of sins. It certainly covers a multitude of business errors. If you buy less attractive goods than your competitor, but still keep on buying at the same old place because you like the salesmen, that is Charity on your part. If you are often disappointed because your orders are not promptly filled, and receive a very poor assortment in your memorandum packages, and you still continue to send your orders to the same slow old place, simply because you have been doing so for a long time, that is Charity, but you are not getting it. Any house that solicits your business for any but purely business reasons is asking Charity from you. We are not looking for Charity, and we do not believe you are.

We are Headquarters for

**American Watches  
and Diamonds.**



Our stock is always the best; our service is prompt and our watchword is, and always has been,—the best goods at the right prices in the quickest time.

*N. S. White & Co.*  
21 Maiden Lane  
New York.





## RING MAKING IS OUR ORIGINAL BUSINESS.



## NO NEGLECT

of our ring lines has occurred because we have been pushing the Larter Shirt Stud and the Larter Vest Button to a successful issue. We have been keeping our stock of Rings for men, women and children right up-to-date, in fact in all our 40 years of ring making we have never made and sold so many rings as we are selling to-day.

When you are buying a stock of rings for the Fall trade, our lines are worthy of your consideration.

LARTER, ELCOX & CO.,  
21-23 MAIDEN LANE,  
NEW YORK.



RING MAKING IS OUR ORIGINAL BUSINESS.

## ELSIE BEE'S FASHIONS.

### NEW THINGS OF THE AUTUMN SEEN IN THE SHOP.

Very charming is the satin-finished silver of to-day.

A large gilt golf cup shows, on an enameled panel, a scene of green golf links and gaily costumed players.

A line of small charms in pink and white coral includes the elephant, the sacred cow of India, the pig, skulls and crossbones, and other oddities.

Coral brooches show quaint old patterns of gold grape leaves supporting bunches of coral fruit or other Autumn foliage with clusters of berries.

One of the daintiest and prettiest of rare things noted is a gold long chain beaded with transparent rose-quartz—the stones as pure and soft in color as the faintest blush on the rose petal.

Particularly effective in its simplicity is a graceful, tall cup of plain gilt on which is engraved a scene of a silver sea with a swiftly gliding silver yacht, this effect being obtained by cutting through the gilt.

Rubelite, or pink tourmaline, is a charming stone that shows to advantage in heart-pendants and charms as well as in brooches and imposing corsage ornaments. It is among the later materials utilized by jewelers.

Coral lorgnette chains of extra length, much exceeding that of the long gold chains, appear in all sizes of round beads and in color ranging from the palest rose to dark red. Crystal disks separate the beads in some of these chains.

All sorts of old coral pieces are brought to light among the shops that deal in antiques, and perhaps as bizarre and striking a bit as any seen is one representing a scaly, green-eyed, red coral snake, in the form of a heavy jointed bracelet.

Cups of every sort crowd the horizon in the world of silver. A large, two-handled silver cup with repoussé decoration of crossed silver racquets above a pair of tennis shoes, the whole enclosed in a border of laurel leaves, provides a handsome prize cup.

The warm, bright and somewhat heavy effect of coral suits well the approaching cold weather costumes of rich and substantial fabrics; and, judging by the various forms in which this substance appears in the jewelers' cases, a steady demand is expected for it this Winter.

A silver-gilt clasp suitable for a lady's yachting costume is square and edged with a fac-simile of rope, a twist of which surrounds a little medallion enameled in blue and white to represent a charming sea view; while across the upper part of the clasp floats a blue and white enameled pennant.

ELSIE BEE



## Diamonds and Carbon in Bahia.

(Continued from issue of Sept. 8, page 14.)

### METHODS OF SELLING.

This district is the only place in the world where carbons are found in marketable size; the only other place where they have been found at all being in the Cannavieras district. I have had frequent inquiries as to the cause of the comparative high price of carbons, and some of our large users have thought that a syndicate controlled the output and price. I have thoroughly investigated the matter on the ground, and find that there is no combination whatever among the miners, the buyers in the field, or the exporters at Bahia.

In each town of the mining district there are buyers who represent the five Bahia City firms which are in the carbon and diamond business. These buyers are furnished with large quantities of money, and are advised by each mail and frequently by special messenger as to the highest prices they can give, these prices being regulated by cable from abroad. While the prices in the main are even, there is often competition for a good specimen, and a miner usually goes the rounds and sells to the one offering the best price. Since the buying is in the hands of so few, it would seem to be easy to form a combine and regulate purchase prices, but instead each buyer seems to be suspicious of the others and works independently. The price is regulated abroad by the supply and demand, and in the mining region the price is a fair equivalent of the foreign offer, with the risk due to the fluctuations in Brazilian currency taken into consideration, though that does not make so great a difference as I had thought. For example, carbons were at their highest price in the mining regions in 1899 and 1900, when 4,500 and 5,000 milreis (\$810 to \$900) were paid for one oitava (17½ karats); at that time the milreis had a value of from 16 to 18 cents. In 1894, with the value of the milreis at 20 cents, they were bought from the miners at from 20 to 22 milreis (\$4 to \$4.40) per karat, and in May, 1898, with the lowest value of the milreis—10 cents—110 to 112 milreis (\$11 to \$11.20) per karat was paid.

### CARBONS.

The output of carbons for the district now averages about 2,500 karats a month. Unless there are improvements in mining and modern methods and machinery are introduced, the output will undoubtedly decrease year by year, while the demand is constantly increasing. Immense quantities of carbons are there, but it will take well-directed companies with large capital to take them out, and there are little chances for small operators. With the abundance of accessible water power in the section, and with electrically run drills, pumps, and other machinery, there is fabulous wealth awaiting development.

Carbons are classified as porous or crystalline and good. The first variety is being bought from the miner to-day at half the price of the good stones, which are held at 100 milreis (\$24) per karat if the stone is larger than three-fourths of a karat, and at 80 milreis (\$7.20) per karat for stones of from one-half to three-fourths of a karat, with which are mixed globular diamonds. Carbons of less than half a karat are mixed with "refugo" diamonds, which are bought at 200 milreis (\$48) an oitava. For very large carbons, the price is usually a small amount less per karat, as these have to be broken for the trade, and a percentage is deducted to make up for loss in breaking. Those of from one to two karats are most desirable, as they require no breaking. Not more than five per cent. of the carbons found are of poor quality, the best stones coming from the region about Lençoes.

The largest carbon ever encountered was found in the Lençoes district in 1895, on the ledge of a mountain which had been worked some time before. It weighed 3,150 karats and was purchased from the miner for 80,000 milreis (at that time, \$16,000), one fourth of the price going to the owner of the claim upon which it was found. This stone frequently changed hands, and was finally purchased by a Bahia City exporter for 121,000 milreis (then \$25,400) and was shipped to Paris, where it was broken up into marketable pieces.

The next big find was in 1901, upon another claim of the same lessee. The carbon weighed 577 karats and was sold by the miner for 79,000 milreis (then \$17,380), one-fourth part going to

IMPORTERS OF

# DIAMONDS

## OTHER PRECIOUS STONES, & PEARLS

## DIAMOND JEWELRY

1840—1902

## Chester Billings & Son

SUCCESSORS TO

RANDEL, BAREMORE & BILLINGS

New York

58 Nassau Street 29 Maiden Lane

London, E. C., 22 Holborn Viaduct

1840  
Randel & Baremore  
1866  
Randel, Baremore  
& Co.  
1880  
Randel, Baremore  
& Billings

ESTABLISHED 1841.

## Carter, Howe & Co.

TRADE



MARK

MANUFACTURERS OF

## Gold Jewelry,

9, 11, 13 MAIDEN LANE,

NEW YORK.

FACTORY, NEWARK, N. J.

A. CARTER.

G. R. HOWE.

W. T. CARTER.

W. T. GOUGH.

## American Morocco Case Co.

THEO. G. WALPUSKI, PROP.

131 West 31, N. Y.

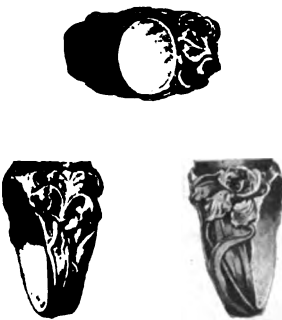
ESTABLISHED 1876.

EXPERTS IN MAKING MODERN TRAYS OF ALL KINDS AND FITTING UP STORES WITH TRAYS IN EBONY, ROSEWOOD OR MAHOGANY. ALSO INEXPENSIVE WALNUT TRAYS, 12 X 12 INCHES.

FINEST LINE OF JEWELRY CASES AND WATCH BOXES SHOWN AT OUR OFFICE.



No. 306. Pierced Iris Pattern.



## Art Work in Ladies' Signet Rings.

PATTERNS TO SUIT THE MOST REFINED TASTE.

Write for catalogue and price list.  
Goods sold only to legitimate jewelry trade.

**DURAND & CO.,**

49-51 Franklin Street, NEWARK, N. J.

THE



# B.G & O,

AUTOMATIC

## SAFETY CATCH



CLOSED. OPEN.

PATENTED  
IN THE UNITED STATES  
AND FOREIGN COUNTRIES.



U.S. PATENT  
No. 676,640 JUNE 18-1901.

IT LOCKS ITSELF AUTOMATICALLY WHEN YOU CLOSE  
THE PIN AND CANNOT WORK LOOSE UNTIL YOU OPEN IT.

## BIPPART, GRISCOM & OSBORN,

Sole Manufacturers,  
COR. MARSHALL AND HALSEY STS., NEWARK, N. J.

# DAY, CLARK & CO.

Back and Side  
**COMBS**  
Tortoise Shell,  
Gold and Pearl  
Ornamentation

14  
K.  
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N  
L  
Y.

Belts and  
Buckle Pins for  
**WAISTS**  
New Shape  
Hat Pins

23 Maiden Lane, NEW YORK.

*Buffalo Jewelry Case Co.*

MANUFACTURERS OF  
**JEWELRY & SILVERWARE CASES**  
PAPER BOXES. TRAYS. CHESTS.

329-335 BROADWAY

BUFFALO, N. Y.

Estimates cheerfully furnished.

Samples on application.

the lessee. The average size of the carbons encountered is six karats.

#### DIAMONDS.

The diamonds found in the Paraguaçu are not so clear and perfect as those about Cannaveiras, but are said to have more brilliancy. They occur in conjunction with the carbons, and many times contain small particles of uncrystallized carbon which materially lessen their value.

They are classified by the buyers at the mines into bons, fazenda fina, mellé, vitriar, and fundos.

Bons comprises stones of good color and form, and are purchased from the miners at from 800 to 850 milreis (\$192 to \$204) an oitava (17½ karats).

Fazenda fina means small stones of good quality and diverse colors, suitable for fine work requiring a mixture of colors. They are bought at from 750 to 780 milreis (\$180 to \$187.20) an oitava.

Melé is the off-colored and imperfect stones which would otherwise be classed as "bons." They are bought at from 350 to 400 milreis (\$84 to \$96) an oitava.

Vitriar is a small stone full of luster and of good shape, but of diverse colors, weighing from six to eight stones per one-fourth of a karat. It is bought for 12 milreis (\$2.88) per one-fourth of a karat.

Fundos are small, imperfect, and badly colored or broken stones, more suitable for the trades than for jewelry, including carbons of less than one-half a karat. This mixture is bought at from 180 to 200 milreis (\$48.20 to \$48) an oitava.

The prices given are those at the mines, and when the milreis was worth 24 cents. The milreis price had just been lowered, because the milreis had at that time advanced in value, while the foreign price of stones had remained practically stationary. To the prices given should be added the cost of transportation, which is always by special messenger, and the Bahia City dealers' profit, in order to get the export price in Bahia City, and to this should be added export duty, freight, and insurance, to get the net cost at Paris or London.

So far as I can find, the largest diamond found in this section in recent years was one weighing 11 karats, but it was of such a bad shape that it gave only 4½ karats cut, and was bought in the rough for 2,400 milreis (then \$480). Many smaller stones, when cut, have yielded better than this one.

In a parcel of rough stones which I was shown at Santa Isabel, there was not one stone of five karats in 56 oitavas (980 karats), the largest being 3½ karats and the average about 1 karat. Seventy per cent. were classified as good, though small, and 30 per cent. were bad, or fundos. I was told that that was a fair average of the section, and so it proved to be with larger parcels of stone examined at Andarahy and Lençoes.

#### CANNAVEIRAS DISTRICT.

As to the Cannaveiras district, I cannot speak from observation or personal investigation. I have been told that diamonds were discovered there in 1881; that the region is reached from Cannaveiras—on the coast south of Bahia City—by ascending the Prado River 56 miles in canoes to Jacarandá, and from there taking mules to Salobra, 12 miles higher up the same river. The diamonds are said to be found only in the river bed and the land directly adjacent thereto. No work has been done at any distance away from the river, on account of the lack of water with which to wash.

Four State concessions of about nine square miles have been granted in this section, one being in the hands of a French company. In addition, three claims have been leased.

#### OUTPUT IN BAHIA.

It is impossible to state with definiteness the diamond and carbon output of the Bahia district, as no statistics are available, and not even the figures given for the exports can be taken as correct. There is an export tax of 18 per cent., and many stones must leave the country without paying duty, as the amount given as collected for diamonds and carbons is not equal to the carbon output alone, and all the carbons are exported.

With the present financial crisis, almost all of the diamonds are being exported uncut, as there is no local market for cut stones and the work is not sufficiently well done here to make them salable abroad. In the diamond regions, there are several factories for cutting and one is also located in Bahia City.

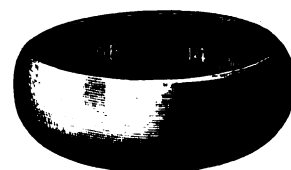
All diamonds and carbons from this section are shipped to Paris and London. The largest local



MAKERS OF  
The Original Triple Crown Filled Rings.



Trade Mark Copyrighted.





## Ladies' Gold Initial Signet Rings.

Pearl Initials,  
2 doz. in box,  
- - - \$31.00



Plain Initials,  
2 doz. in box,  
- - - \$25.00

**BRACHER, BECKER & BARNETT,**

Manufacturers of GOLD RINGS, BROOCH AND ROPE CHAINS,

Also

Twentieth Century Elk Rings.

481 Washington Street,  
Newark, N. J.

## DATTELBAUM & FRIEDMAN,

*Makers of* **GOLD RINGS,**

457 JOHN STREET,

NEW YORK.

We have the choicest line—hundreds of patterns to pick from—give a liberal discount and guarantee all goods to be as represented. We also make 10k. gold plain rings. For further particulars call or correspond with us. Established 1875.

**SILK  
FOBS.**

Plain and fancy buckles.

Polished gold and rose finish.

**GEO. O. STREET & SONS,**

Established 1837.

24 JOHN STREET, NEW YORK.

CHICAGO,  
103 State St.



house has its head office in Paris, and its buyers at the mines have an interest in the business. The other houses either sell direct to large European dealers or have firms to which they consign.

Though the United States is a large consumer of carbons, our dealers have always bought in Europe and seem to be content to continue to do so, as there they can make selection or at least get the carbons of the approximate weight desired, though paying a considerable advance in price for the privilege. Selection as to weight, etc., would be impossible here, as the local dealers insist on selling an assortment, and as long as they can do so in dealing with Europe they will take no chances by changing their business methods.

### Court Accepts Bid by Bank for Assets of the Morgan Jewelry Co.

DES MOINES, Ia., Sept. 3.—The receiver appointed for the Morgan Jewelry Co. in the suit brought by the Des Moines Savings Bank has reported to the court that he received three bids for the assets of the insolvent company, one for the safes, one for the accounts and a third for all the effects in bulk.

This last bid amounted to \$3,510 and was made by the Des Moines Savings Bank. In the bid the bank stipulated that if its bid should be accepted cash payment to the amount necessary to pay the court costs, etc., should be made and that the balance should be applied to offset a claim held by the bank against Frank Morgan, the owner of the jewelry business. The court directed that the bank's bid be accepted.

As told in THE CIRCULAR-WEEKLY last week, the trustee in bankruptcy has brought suit against the receiver to restrain him from disposing of the assets and compel him to turn the stock, books, etc., over to the trustee.

A very fine brooch is a rectangular plaque of some transparent material in the depths of which appear two riders, a man and a woman, just clearing a hedge in the hunting field. This is partly framed in two gold crops with handles of smaller brilliants.

Recent issues of the Oconomowoc, Wis., papers contained a biography of J. P. Foss, a jeweler of that place, who is the official watch inspector of the Chicago and Northwest and the Chicago, Milwaukee and St. Paul Railways.

## The Bryant Rings.

Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



Our Line of

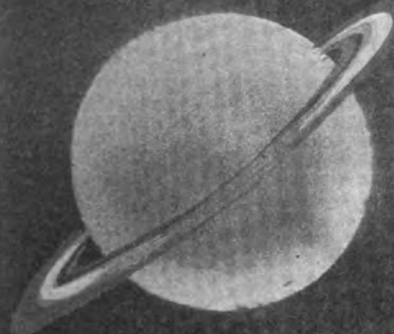
# Signet Rings

is complete and merits attention.



M. B. BRYANT & CO., 7 MAIDEN LANE, NEW YORK.





*The RINGS OF SATURN*  
are beautiful, but they're  
entirely too "high" - out of  
everybody's reach

## HEINTZ RINGS



are made and sold  
on earth - they're  
within reach of every-  
body who wants  
reliable goods.


All our rings  
are stamped  
thus **HB**  
which means,  
price for price  
they're the best  
on earth in qual-  
ity and workmanship.

*K. W. ARING, N. Y.*



HEINTZ BROS., RING MAKERS, BUFFALO, N. Y.





**THE SUCCESSFUL**

# SECURITY

**A POPULAR SETTING OF UNUSUAL MERIT, AFFORDING PROTECTION FOR THE GEM IN ADDITION TO GREATLY INCREASING ITS BEAUTY AND BRILLIANCY.**

**SCHRADER-WITTSTEIN CO., MFG. JEWELERS, Est. 1863.**  
**NEW YORK, 21-23 MAIDEN LANE. CHICAGO, 103 STATE STREET.**  
**FULLY COVERED BY PATENTS. WRITE FOR PRICE LISTS.**

## We are Fishing for your business




And the bait we are using is a superior line of high-grade rings. Not only is it superior in quality, but it is quite different from the regular run of ring lines—has a whole lot of character to it that makes it stand out exceptionally strong, adding to its value but adding nothing to the cost of the individual specimens that go to make up the complete show. It's all in the knowing how and—we know how.

If you are not on the route of any of our travelers, would suggest that you allow us to unfold our Special Ring Proposition by mail. With the fall season and holidays approaching the proposition carries added interest to the wide awake jeweler. Fill out the corner coupon—we'll do the rest.



Louis Kaufman & Co

RING MAKERS

New Factory & Offices. Columbia and Green Sts.

NEWARK, N.J.

J. C. Sept. Send us AT ONCE your special RING PROPOSITION. We want to know about it.

NAME—

ADDRESS—

### Providence Manufacturer's Views on Prospects for Fall Jewelry Business.

PROVIDENCE, R. I., Sept. 3.—"It looks to me," remarked a well known manufacturer when asked for his opinion of the outlook for the Fall and Winter trade, "as if the manufacturers would find some bright spots in the humdrum of existence during the next few months. In my opinion there should be a good healthy demand for jewelry in the west, and I am looking for a goodly share of business from that part of the country myself.

"When I say the west, I mean the west, no half-way business about it. They have been making some money out there, the crops have gone right and they ought to be in a condition to break away from the process of buying simply the necessities of life and indulge in a few of the luxuries.

"If I understand anything about human nature that is just about what they will do, and what is more of a luxury, or quicker to appeal to the eye, especially the eye of a woman, than a dainty piece of jewelry? To be sure, the section around Pittsburgh may be affected to a certain extent by the strikes. While the coal miners are not as a rule very active jewelry buyers, their money filters through to other channels of trade, and when it isn't filtering some who do buy jewelry notice the difference. With the attractive lines that are being put out and prosperity in the west, I am looking forward to a business that will relieve that wearied feeling that generally follows a somewhat dull season and a Summer vacation."

### Death of Charles E. Sidells.

WARREN, O., Sept. 3.—Charles E. Sidells, a prominent resident of this place, who for a number of years was engaged in the jewelry business in this town and also Girard, O., died Sunday. The deceased was 45 years old and is survived by a wife and two daughters.

Mr. Sidells started in the jewelry business at Girard about 15 years ago and about a year later formed the firm of Vautrot & Sidells, who succeeded to the jewelry business of J. Axtheimer & Co., of this city, who failed in January, 1888. This business was originally founded by the father of Mr. Sidell's partner.

About 12 years ago Mr. Sidells withdrew and the business has since been conducted by Vautrot & Myers. Mr. Sidells retired from business a year ago owing to ill health and grew worse gradually until the end. His death is deeply regretted by his many friends in Warren.

### David Fletcher Makes an Assignment to M. A. Tanner.

BUFFALO, N. Y., Sept. 3.—It became known last week that David Fletcher, a jeweler, formerly of 824 Main St., had made a general assignment of his property to Merle A. Tanner, an attorney. The assignment, which is for the benefit of his creditors, was filed in the County Clerk's office Aug. 29, but no schedules of the assets or liabilities was filed, with it nor has any statement been made as to his affairs.

Mr. Fletcher has been in business for a number of years and succeeded the firm of Fletcher & Leck about 1880. He did a small business and never carried a very heavy stock.



## Bronzes.

A collection of choice figures, groups, etc., in French and real bronzes from Paris, Vienna, Naples, Rome, etc. Subjects in l'art nouveau models predominating. A large collection of smaller fancy pieces which are marvels of the sculptor's art. A great variety of electroliers.



## French and Vienna Clock Sets.

Some with hand painted Ivory and Porcelain Miniatures. A large assortment of new effects are already on exhibition; additional pieces will shortly be received.

## Hand Painted Porcelain.

Richly decorated Plates, Vases, Cups and Saucers, etc., in Vienna, Dresden, Limoges, Rudolstadt and other well-known makes.

## Straus American Cut Glass.

Noted for its originality of design and its brilliancy. It is not recommended for its "cheapness," but for its quality and its moderate price, assuring the greatest value obtainable. Illustrated and descriptive catalogue.



**L. Straus & Sons,** Manufacturers and Importers,

42, 44 and 46 Warren St. and 116 Chambers St.,

Factory, 59th Street and North River,  
NEW YORK.

**NEW YORK.**



"There are  
others," and

# The Royal

So with eggs.  
A bad egg  
and a good  
egg look much  
alike—you've  
got to get  
behind the  
shell before  
you find  
their  
difference  
in worth.  
**THE ROYAL**  
"tastes good"  
for 20 years.

**Philadelphia  
Watch Case Co.,**  
**RIVERSIDE, N. J.**

## The Diamond Markets.

PARIS, Sept. 3.—The steady condition of the French diamond market, reported a fortnight ago, is continuing. Large goods are always in demand. The same can be said of Antwerp roses, first color. Colored stones are selling very well.

Louis Peeters was here again this week, and Mr. Ullmann left for Antwerp. Mr. Faudemanski, of Moscow, Russia, was one of the principal buyers here this week.

Pearls remain very popular, and all sizes find buyers at high prices.

AMSTERDAM, Sept. 4.—General reports here show that we are entering on a new period of activity in the precious stone trade. Sales are becoming more important daily. One of the first indications of the prosperous condition of business is the almost maximum payment of drafts which became due on Aug. 31.

There is the usual demand for fine mellee. Small brilliants and Amsterdam roses are being asked for by firms having connection with Egypt, Turkey, Russia and France.

LONDON, Sept. 4.—Since the rise reported two weeks ago, prices for rough diamonds remain unchanged. Belgium and Holland firms are continually taking flat goods, while light yellow stones are somewhat neglected for the moment.

Business with American firms is very fine, and the statistics up to June 30 show again a large increase in exportations. Our merchants foresee a large demand for rough goods this month, which is known to be one of the best months of the year.

The Maharajah of Jeypour sent to King Edward VII. a beautiful sword, the handle of which was adorned with diamonds, estimated at £10,000. The Shah of Persia has been here, and the magnificence of his uniform as regards precious stones was almost inconceivable. One of the large jewelers of Bond St., who was present at the departure of the Shah, said: "If the Shah were

put up for sale at this moment, I should buy him for £800,000."

ANTWERP, Sept. 5.—September has brought a brisk business with Paris and New York, also London. There have been a number of foreign buyers here, among them Mr. Alexandroff, of St. Petersburg; Messrs. Boukind and Kahn, of Paris; Mr. Strauss, of Frankfort-on-Main; Mr. Nussbaum, of Warsaw; Mr. Gross, of Vienna; Mr. Marcus, of Capton, and Messrs. Lyons & Son, of Birmingham. All these gentlemen bought and offered largely on 2, 3, 4 and 5 grains.

All hands are employed in our diamond factories. Most of our tradesmen have returned from their Summer holidays. Merchants anticipate a good Autumn season. The actual state of business is much better than at the same time last year.

## Pawnbrokers Surrender Goods Pawned by Absconding Jeweler.

TOLEDO, O., Sept. 3.—A number of pawnbrokers of this city are deeply regretting that they had any dealings with Henry Hardefelt, who, as told in THE CIRCULAR-WEEKLY last week, absconded from Waterville, O., with a number of watches and pieces of jewelry left by customers with him to be repaired.

As published last week, Hardefelt had been in the jewelry business but a short time in Waterville, and after skipping out he pledged articles taken from customers at various pawnshops in this city. Later he wrote to his customers and sent to them the pawn tickets.

The customers then proceeded to recover the articles from the pawnbrokers, among whom are Kopelman, Fiske & May, Mitchell & Son, and several others equally prominent. Replevin suits were at first threatened, but the pawnbrokers have in nearly all instances agreed to relinquish the jewelry upon payment of a small part of the money they loaned to Hardefelt.

**W. Green & Co.**

IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.

MANUFACTURERS OF THE CELEBRATED



IMPERIAL  
AMERICAN MAIN SPRINGS  
REGISTERED TRADE MARK  
WALTHAM 2203

SUCCESSORS TO  
GREEN BROS.

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

**Our Cardinal Points:**

1st—Accurate and Rapid Filling of Orders  
2nd—Unlimited Stock.  
3rd—Right Prices.  
4th—Best Grade of Goods.

"We handle everything known to the trade and solicit correspondence."




# Korn, Kotton and Keystone!

“Oh, K,” says the Phonetic Alphabet, “this is *your* year, surely!” And K laughs back, in answer, “Right you are, old A B C—your observation is O. K.!”

Here are some of the big products of this biggest year in American products:

2,600,000,000 bushels of Corn—safe in sight.

11,000,000 bales of Cotton—sure.

More Watch Cases bearing this  stamp than ever came through any *four* other Case factories in any one year, including *this* year—positively certain.

King Korn,  
King Kotton,  
King Keystone Kases!

The Keystone Watch Case Co.,  
19th and Brown Sts.,  
Philadelphia.



### Simons, Bro. & Co. Sell Out Their Retail Departments.

PHILADELPHIA, Pa., Sept. 6.—The local trade learned with considerable interest during the week that Simons, Bro. & Co., who, since 1864, have been established in business at 616 Chestnut St., had quietly closed out their entire retail business for the purpose, as has been explained to a correspondent of THE CIRCULAR-WEEKLY, of concentrating their whole time, attention and energy hereafter to their manufacturing and wholesale business; the volume of which has increased to such an extent of recent years as to make a divided interest no longer desirable.

On Monday the concern's retail silverware department, clocks, bronzes, bric-à-brac and optical departments were turned over to William J. Davis, who has been manager of the silverware department and is thoroughly familiar with every detail of the retail business. About a year ago the retail jewelry, watch and diamond departments were sold to Edgar A. Smith and Joseph D. Hoover, but the silverware and other departments were retained by Simons, Bro. & Co.

After a thorough analysis of the business during the past year Fred Simons decided that the responsibility and care of divided business interests had only been partially lessened and recommended to the firm that the entire retail business be closed out. Simons, Bro. & Co., who own the building which they occupy, will vacate the entire first floor with the exception of an office at the Sansom St. entrance. The clerical force

and general offices will be removed to the second floor, which is now being altered and improved. It is the purpose of the firm to enlarge and extend the manufacturing equipment.

### Retirement of J. H. Leyson Causes Surprise to His Friends.

BUTTE, Mont., Sept. 3.—An announcement which comes as a considerable surprise, not only to members of the jewelry trade, but to the large proportion of his fellow townsmen, is that of the retirement from business of J. H. Leyson, the well known and veteran jeweler of this city and Salt Lake City. In making public his intention Mr. Leyson states that after 22 years of a successful business career in this city, for reasons of health and a desire to take life more leisurely he has decided to retire from active business.

Mr. Leyson came to Butte 25 years ago and three years later started in business, the firm at that time going under the name of Mason & Turk. Several years ago Mr. Leyson purchased his partner's share in the business and since that time has conducted it alone. He has been for some time prominent in the affairs of the city and is well known and highly respected throughout the entire West.

Mr. Leyson's retirement was signalized by a sale of his entire stock, which opened Sept. 1 and was attended by such a crowd as has been seldom seen on any similar occasion in the city. The sale is being conducted by John A. Maynes, manager of the store.

### Thief Who Robbed Gerome Desio Arrested on His Release from Prison.

WASHINGTON, D. C., Sept. 6.—A detective from the local force left the city Friday for Pittsburgh to bring back John McRitchie, who is wanted here for the robbery of the jewelry store of Gerome Desio, on F St. McRitchie was arrested in Pittsburgh shortly after being released from the Penitentiary.

The crime with which McRitchie is charged was one of the most audacious ever committed in Washington, and it is alleged that he secured between \$2,000 and \$3,000 worth of jewelry. The robbery was committed on an afternoon in March, 1897, the street at the time being crowded with people. There were three men concerned in the affair, two of whom engaged a clerk in conversation while the third, who is said to have been McRitchie, seized a tray containing jewelry and escaped in the crowd that surged through the street. The other two men shortly left the store and they have not been heard from since. The robbery was fastened on McRitchie and a search was made for him. Before the local police could lay their hands on the man, however, he was arrested for another crime and sentenced to the Pittsburgh Penitentiary. He served his time and when released was immediately arrested for the Washington police.

McRitchie's case will be laid before the Grand Jury, and it is expected that an indictment will be brought against him at once. It is hoped that he may tell who his accomplices were.

# Omega



# Movements

## ARE GOOD TIMEPIECES.

The O size,  
" 12 "  
" 16 "

7  
and 15  
Jewels

cased in Gold Filled or Solid Gold  
Cases, either Hunting or Open Face,  
are very good sellers.

AGENTS FOR HAMILTON AND ALL AMERICAN MOVEMENTS.  
FULL LINE OF ALL MAKES OF CASES CONSTANTLY ON HAND.

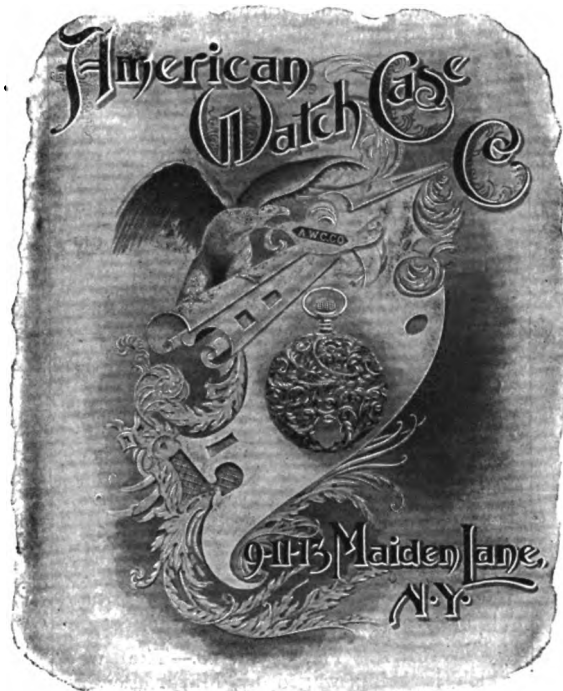
SEND FOR PRICE LIST.

## CROSS & BEGUELIN,

Established 1863.

17 MAIDEN LANE, NEW YORK.





When you buy a watch for your son insist on having it put in a

## Wadsworth Watch Case

When he is as old as you, the watch will be as good as new. Strength, rigidity and finish guaranteed for 25 years. An inferior case rarely lasts over five years. A Wadsworth Case is as good an investment as a Government Bond. Best worth and wear; superior strength and mechanical perfection; resists jar and jolt as does no other watch case. Protects the works absolutely from dust and moisture, lessens the liability to accident and adds years to their life.

Write for free booklet.  
THE WADSWORTH WATCH CASE CO.  
Dayton, Ky.

The advertisement on the side is one of a series that is telling people about the Wadsworth Watch Cases, and is appearing in such publications as *Century Magazine*, *Munsey's*, *Delineator*, *Engineer's Journal*, etc., publications that go into the homes of your customers and people whom you would like to have as customers. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in an assortment to meet first calls. There will be a larger demand for Wadsworth Cases than ever before.

THE WADSWORTH WATCH CASE CO.,

Dayton, Kentucky.

(Specimen Adv.)





# HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

### AVERY & BROWN,

68 Nassau St., New York.

#### Alleged Scheme to Swindle Wholesale Jewelers Discovered.

DETROIT, Mich., Sept. 6.—Charles H. Smith is wanted on the charge of the larceny of about \$350 worth of diamonds by conversion from J. H. Purdy, a jeweler of Chicago, Ill.

Smith's letterheads stated that he was a wholesale and manufacturing jeweler at 26 Lafayette Ave., and he sent out a commercial rating of \$3,000. It is alleged that his statement to a commercial agency was accepted without investigation.

J. H. Purdy, Chicago, sent three diamonds, valued at \$348.33, on consignment to Smith, who sent him a check for \$45, which was returned with the statement that there were no funds in the bank, but which was afterwards paid. This aroused the suspicions of Purdy and he came to Detroit to find that Smith was a fraud and that his place of business was merely visionary. With the aid of the police he recovered two of the gems at pawnshops. He then swore out a warrant for Smith's arrest, but the latter has not yet been taken into custody.

#### Mayor of Johnstown, Pa., Wages Campaign Against Unlicensed Auctioneers.

JOHNSTOWN, Pa., Sept. 3.—The war which is being waged by Mayor Pendry on all dealers or auctioneers who try to do business in the city without paying the required license fee has affected more than one jeweler of this town.

Last week Edward Ford, an auctioneer

who had been conducting a sale for C. A. Lindsey, a jeweler at 430 Main St., was called before the Mayor, and pleaded guilty to the charge of selling without first having taken out a license. He waived a hearing and paid a fine and costs amounting to \$8. E. A. Lindsey, on behalf of his brother, later visited the City Comptroller's office and paid \$66.66 for an auctioneer's license fee for the remainder of the year, the fee for the full year being \$100.

#### Proceedings of the Jewelers' League.

The regular monthly meeting of the Jewelers' League was held Friday. There were present: Vice-Presidents Fessenden, Karsch and Greason, Chairman Van Deventer and Secretary Stevens. The minutes of the previous regular and special meetings were read and approved.

At the special meeting, held July 21, there were seven members admitted to membership—five members from New York and two members from Brooklyn. At the regular meeting, held Friday, there were four members admitted—three from New York and one from Philadelphia, Pa.

The next regular meeting will be held Oct. 3, 1902.

The premises formerly occupied by B. E. Cloyd, Macon, Ill., have just been rented by R. C. Augustin and Ed. T. Jenison, who contemplate opening a large jewelry and optical establishment. R. C. Augustin formerly conducted an optical business at 121 North Water St.

COMMANDER  
14 K  
GUARANTEED  
25 YEARS

ELGIN PRIDE  
ONE QUARTER 14 KARAT GOLD  
MADE LIKE SOLID GOLD CASES  
PERPETUAL GUARANTEE

GIANT  
14 K  
GUARANTEED  
20 YEARS

## Secure the Confidence of Your Trade

By selling it the ELGIN  
PRIDE. A case that leads  
in quality, durability, beauty  
and the right price.



UNIQUE DESIGNS.


¾ GOLD 14 KARAT.


PERPETUAL GUARANTEE.


## Illinois Watch Case Co., Elgin.






**ROY** =  = **ROY** =  = **ROY**

 **ROY**

 **ROY**

 **ROY**

 **ROY**

**ROY** =  = **ROY** =  = **ROY**

Roy watch cases are favorably known by particular people all over the globe.

**Roy Watch Case Co.,**  
21 MAIDEN LANE, N. Y.

MAKERS OF WATCH CASES IN SOLID GOLD ONLY.

## A Pledge.

I hereby faithfully promise to continue  
to be the best in Filled Cases in the  
next 25 years as in the 25 years past.

Witness:

Philadelphia Watch Case Co.,  
Riverside, N. J.

*Its*  
*The Crown*  *Filled Case.*  
*Mark.*



## The "BLUE BOOK"

## The "RED BOOK"

## The "OUTING BOOK"

## The "BROOCH BOOK"

*These four books show everything in Watches:* for every season, for every taste of every section of the country, for boy, girl, man or woman: for fun, outing, trophy, gift, memento, business or fashion—formal or informal. Every size from the smallest 8-ligne to the largest 18 size. Every casing from nickel to solid gold. Every form of design, from plain to hand engraved and iridescent enameled. *All serviceable and warranted whatever the size or grade:* all timed and tested in the cases before shipment and ready for the wearer, without adjusting or fussing of any kind. It's a stunningly attractive line. Get your season's orders in early.

## New England Watch Co.,

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

## National Monthly Import and Export Statistics.

WASHINGTON, D. C., Sept. 9.—The records of the Treasury Department contain the following comparative statistics of interest to the jewelry trade for July, 1901 and 1902, and for the seven months ending July, 1902:

	IMPORTS.		7 Months Ending—	
	July, 1901.	July, 1902.	July, 1901.	July, 1902.
Clocks and parts of.....	\$36,428	\$25,624	\$153,414	\$189,487
Watches, materials and movements.....	144,979	172,442	935,074	1,063,718
Diamonds, glaziers' diamonds, etc., unset; diamond dust or bort and watch jewels (free)....	292,167	482,819	4,427,114	4,174,131
Diamonds, n. e. s., not set (dutiable).....	1,875,052	1,614,258	9,103,931	7,973,696
Precious stones, rough or uncut (free).....	2,616	961	21,933	37,689
Precious stones and pearls, not set.....	649,101	591,502	1,622,710	2,405,183
Jewelry and manufactures of gold and silver....	296,100	185,698	2,547,550	1,415,132

EXPORTS OF DOMESTIC MERCHANDISE.			
Clocks and parts .....	85,028	68,018	757,626
Watches and parts.....	54,091	67,707	619,082
Jewelry and manufactures of gold and silver....	106,800	117,702	673,721
Plated ware .....	49,680	74,510	275,659

EXPORTS OF FOREIGN MERCHANDISE.			
Clocks and parts .....	.....	.....	498
Watches, materials and movements.....	.....	.....	222
Diamonds, rough, including miners', glaziers', etc. ....	.....	.....	1,407
Diamonds, n. e. s. (dutiable).....	.....	.....	4,024
Other precious stones, rough or uncut (free)....	.....	.....	.....
Precious stones and pearls, not set.....	.....	.....	15,853
Jewelry and manufactures of gold and silver.....	4,284	251	26,249

NOTE.—The commerce between the United States and Hawaii and Porto Rico, respectively, is not included in the statements of the foreign trade of the United States after June 30, 1900, but after this date the trade of Hawaii and, after July 1, 1901, of Porto Rico with foreign countries is included in the statement of the foreign commerce of the United States.

Samuel Swartchild, of Swartchild & Co., Chicago, and family returned on Friday on the *Auguste Victoria*. Samuel Swartchild and W. G. Swartchild made a call at THE CIRCULAR-WEEKLY office, and in conversation it was learned that Mr. Swartchild had spent about three months in Germany, France, Switzerland and Eng-

land, where he had thoroughly looked over the watch tool and material market in the interests of the watchmakers and jewelers of the United States, and it would seem advisable for the trade to be on the lookout for many new and useful tools, which will regularly appear hereafter in this firm's advertisement.

# Always in the Lead

AMONG HIGH GRADE WATCHES.



## Vacheron & Constantin,

GENEVA, SWITZERLAND.

FITS ALL SIZES  
OF  
AMERICAN CASES.



SPECIAL GRADES  
FOR  
RAILROAD MEN.

**EDMOND E. ROBERT,** 3 MAIDEN LANE,  
NEW YORK.  
SOLE AGENT.



# Do you sell 16 size Movements?

## you

## sell

## 0.

## size

## Move-

## ments?

Then you ought to get acquainted, at once, with *United States* movements.

They are as good as can be made, and cost less than other American makes of equal grade.

*And the "irregular" dealer can't get them.*

Three grades, each, in 16 and 0 size, *now*—15, 11 and 7-Jeweled; and finer grades a-coming.

**United States Watch Co.**  
of Waltham, Mass.

# OMEGA MOVEMENTS

## ARE FINE TIMEPIECES.

All made with Lever Escapements and Double Roller.  
Pendant Set. Fitting American Cases.

Made in  
6 Different  
Grades.

10 Ligne.  
11 Ligne.  
0 Size.  
12 Size.  
16 Size.

From 7 Jewels to 21 Jewels,  
Adjusted to heat and cold,  
and 5 Positions.

Sold only to legitimate jewelers.

Prices not advertised in any journal.

**SEND FOR PRICE-LIST.**

**EDMOND E. ROBERT,** {  
3 Maiden Lane, N. Y.

SELLING  
AGENTS.

{ **CROSS & BEGUELIN,**  
17 Maiden Lane, N. Y.



# CLOCKS



## MARQUISE.

Eight-Day, Half-Hour Gong Strike.  
Height, 15½ inches. Width, 7½ inches.  
Porcelain Visible Escapement Dial, 4½ inches,  
Arabic or Roman.  
Mercurial Pendulum.  
Polished Brass, Rich Gold Trimmings, Beveled  
Plate Glass Front, Sides and Back.  
Made with Jeweled Sash and Pendulum, additional.



The mark that's known the world over.

are great advertisers. They are always on view, always doing duty. Many will inquire as to where a handsome clock was purchased who would not evince curiosity regarding jewelry or other wares. A beautiful clock advertises the jeweler's artistic reputation. A good time-keeping clock advertises his reliability.

*Push your clock department; it pays.*

Clocks that are always artistic and always right bear this trade mark.

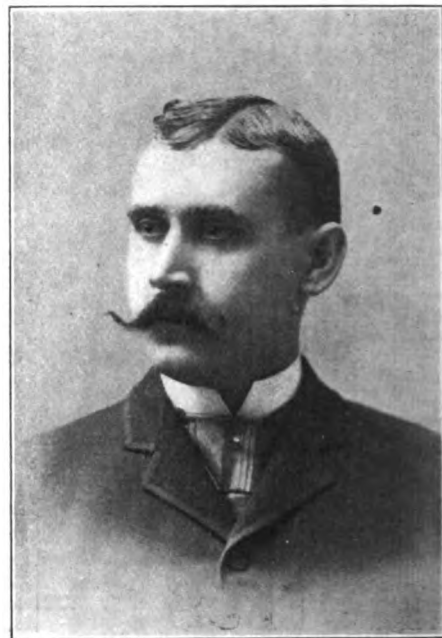
## THE ANSONIA CLOCK CO.,

NEW YORK, 99 JOHN STREET.  
CHICAGO, 90-94 WABASH AVENUE.

### Death of John Schimpf, Jr.

John Schimpf, Jr., treasurer of the Adelpi Silver Plate Co. and of Schimpf & Sons, 20 John St., New York, and 67 Prospect St., Brooklyn, N. Y., died Sunday night in St. Mary's Hospital, Brooklyn, after having undergone an operation for hemorrhage of the brain.

Mr. Schimpf was 38 years old, was unmarried and had been with the concern with which he was identified at the time



THE LATE JOHN SCHIMPF, JR.

of his death since he left school, nearly 20 years ago. He entered the business as an apprentice, and worked his way successfully through the different steps of advancement until, when the concern was incorporated, two years ago, he was elected treasurer. He was very well known in the silver trade and was very highly respected.

The circumstances under which Mr. Schimpf came to his death are peculiar. He fell from a trolley car at 9 o'clock Saturday evening at Albany Ave., Brooklyn, and was picked up by Policeman Leonard. He sustained a contusion of the scalp and acted dazed. Mr. Reynolds, of St. Mary's Hospital, was summoned, and Mr. Schimpf was removed to the Atlantic Ave. Police Station, and being injured so that he could give no account of himself, and his family being out of town, he was placed in a cell, where he remained all night.

In the morning the doorman of the station house found Mr. Schimpf to be still unconscious. Dr. Flannery was summoned from St. Mary's Hospital, and as soon as he saw Schimpf he made up his mind that the man's condition was due to paralysis of one side of his body, which was in turn caused by a fracture of the skull or a clot of blood pressing upon the motor area.

Mr. Schimpf was driven rapidly to the hospital, and his relatives were notified of his condition. When they arrived at the hospital Schimpf was sinking slowly, and the surgeon said that the only hope of his recovery would be in an operation for removing the clot of blood on his brain. It

## BOTH ARE SATISFIED

YOU AND YOUR CUSTOMER  
WHEN YOU SELL AN

### "E. HOWARD & CO." WATCH.

HE HAS A FIRST-CLASS WATCH. YOU HAVE A FIRST-CLASS PROFIT.

WRITE FOR AGENCY TO

## THE E. HOWARD WATCH COMPANY,

403 WASHINGTON ST.,  
BOSTON, MASS.

*E. Howard & Co.*  
Boston.  
TRADE MARK  
ESTABLISHED 1842.

WE MAKE MOVEMENTS  
TO FIT REGULAR  
AMERICAN CASES.

## 1902-3 VEST POCKET BUYER'S DIRECTORY

Kindred Trades.

Price 50 cents

of the Manufacturers and Jobbers  
in the Jewelry and  
JEWELERS' CIRCULAR PUB. CO.



# **The W. J. JOHNSTON COMPANY,**

**Fifth Avenue and Market Street, . . PITTSBURG, PA.**

ORDERS FILLED PROMPTLY FOR

## **High-Grade American Watch Movements**

AND ALL GRADES AND SIZES

MADE BY THE

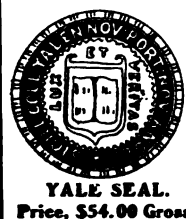
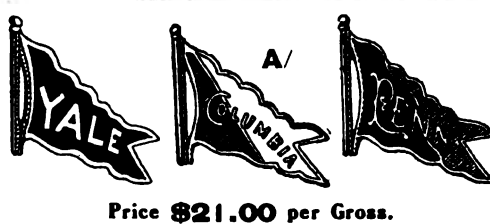
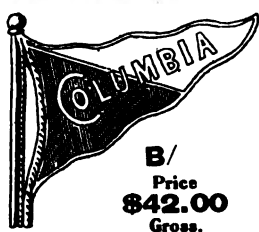
### **LEADING WATCH COMPANIES.**

Your wants in Watches and Jewelry will have prompt and satisfactory attention.

*Our complete Watch Catalogue and Price List sent on application.*

## **STERLING SILVER COLLEGE FLAG PINS.**

ILLUSTRATIONS ARE ACTUAL SIZE.



**OAR HAT PINS.** Sterling Silver. Comes in Yale, Harvard, Columbia, Cornell, Penn., Princeton.  
Price, \$54.00 NET Per Gross.

We manufacture a large line of Flags for all the principal Colleges. These Pins are Sterling Silver, and are nicely enameled in the proper colors. We can furnish any of these goods in Stick Pins or Hat Pins. We also make the entire line in plate at very low prices. These goods cannot be equaled for quality and price. Give us a trial order.

Our terms are 6 per cent. 10 days; 5 per cent. 30 days, unless marked net.

**C. H. EDEN CO.,** Manufacturing Jewelers, **Attleboro, Mass.**





# To Large. Diamond Buyers:

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## IMPORTANT

**O**UR recent large purchases of rough and other special facilities, among which are our cutting works, the largest and most completely equipped in this country, enable us to offer Diamonds of our own cutting in **original lots** to **importers** and **large dealers** at prices equal to those of any European Market, thus **saving a duty of 10 per cent.**

*This announcement means  
exactly what it says.*

## Stern Bros. & Co.,

68 NASSAU STREET,

CUTTING WORKS:  
138-142 W. 14th Street.

NEW YORK.

CHICAGO,  
149 STATE STREET.

LONDON,  
29 ELY PLACE.



had been decided previously by the physician that there was not a fracture of the skull, but was paralysis caused by a clot of blood pressing upon the brain. An operation was performed, but Schimpf had been neglected too long. He never recovered.

At the time the accident occurred the family were all away from home, Mr. Schimpf's father and mother being at their Summer residence in Long Island and his brother in New Jersey.

Funeral services were held last night at 8 o'clock from Mr. Schimpf's late residence, 910 Prospect St., Brooklyn. The body was interred at Greenwood Cemetery.

### Action to Forfeit Smuggled Necklace Commenced in U. S. District Court.

United States District Attorney Burnett began an action, Wednesday, in the United States District Court at New York, for the forfeiture of the necklace seized by Customs officials from Miss E. H. Van der Veer, who arrived Aug. 19 on the *Kronprinz Wilhelm*.

The necklace was said to be worth \$20,000, but on appraisal was valued at \$2,400. It consists of 13 strands of pearls and four bars of diamonds, and is alleged to have been presented to Miss Van der Veer by Miss Ellen Hunt, who was traveling abroad with her.

The information charges that the necklace was imported into the United States by Miss Van der Veer with intent to defraud the revenue laws, and that it was smuggled and clandestinely brought into the United States, not invoiced, and without paying or accounting for the duty, and that such action was contrary to Section 3,082 and Section 2,802 of the Revised Statutes of the United States. It is asked that the necklace be condemned and sold, as provided by law.

Proceedings for the remission of forfeiture of the jewels will probably be begun in a few days. According to the story of the Customs officials Miss Van der Veer wore the necklace about her throat concealed by her dress and did not declare it when she declared her other dutiable property. Wm. H. Theobald, a special employe of the Treasury Department, however, had heard of the purchase of the necklace abroad and was watching for its arrival in this country. He approached Miss Van der Veer on the pier and told her that she had a necklace concealed somewhere. Miss Van der Veer stoutly denied this allegation at first, but presently relented and handed the necklace over to Mr. Theobald. For some reason the New York Customs officials and Special Treasury Agents made every effort to keep the identity of Miss Van der Veer secret. All information concerning the incident on the pier was denied to those seeking it, and it was only from the records at Washington that anything could be learned concerning the seizure.

Miss Van der Veer, on her part, declares that she has been grossly misrepresented, and that she made no attempt to smuggle in the necklace.

Harry A. Dillon, Gloversville, N. Y., returned last week from a hunting trip in the North Woods.



# The Greatest Brilliancy



BOTTOM.



SIDE.



TOP.

possible is obtained by the new 20th Century Style of Diamond Cutting. We offer these diamonds to the Trade in three colors, viz.:

“Wesselton,” “Blue Wesselton” and “River.” All sizes.

## Neresheimer & Co.,

2 and 4 Maiden Lane and 170 Broadway . NEW YORK.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

## ALFRED H. SMITH & CO.,

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**WM S. HEDGES & CO.,**  
IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**  
**DIAMOND JEWELRY.**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **New York.**  
26 Holborn Viaduct, London.

**Diamonds, Pearls**  
AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**  
IMPORTERS AND CUTTERS,  
1 MAIDEN LANE, NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS** AND OTHER  
PRECIOUS STONES  
FINE PEARLS A SPECIALTY.  
**68 Nassau St. cor. John St.,** Sheldon Building, Room 16 **NEW YORK.**

CHARLES L. POWER.

ROBT. B. ALLAN.

**CHARLES L. POWER & CO.,**  
CUTTERS AND IMPORTERS OF  
**Diamonds, Rubies, Pearls, Emeralds, Sapphires,**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING, **2 Maiden Lane,**  
**NEW YORK.**

**SMITH & NORTH,**  
IMPORTERS OF  
**DIAMONDS.**  
DEALERS IN  
AMERICAN WATCHES AND FINE JEWELRY.  
14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**  
**14 MAIDEN LANE, NEW YORK.**  
**LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.**

**Death of William Mahler.**

ALLEGHENY, Pa., Sept. 3.—Wm. Mahler, who for 36 years kept a jewelry store near the corner of Federal and North Diamond Sts., died suddenly, Sunday, at the home of his daughter, Mrs. Minnie Madera, in Morgantown, W. Va. Mr. Mahler went to visit his daughter two months ago and was in the best of health when he left here. A few days ago he contracted a cold, and from this erysipelas set in and resulted in his death.

Mr. Mahler was born in Germany 76 years ago and had been a resident of Allegheny for about half a century. He was in the jewelry business here nearly 50 years, having had a store on Chestnut St. for 12 years prior to his removal to Federal and North Diamond Sts.

The deceased was married 48 years ago to Miss Elizabeth Born. He is survived by five children, two sons and three daughters. One of his sons, Harry Mahler, is with the G. B. Barrett Jewelry Co. of Pittsburgh.

Mr. Mahler was a member of the Boegtley German Lutheran Church and of the Odd Fellows. His residence in this city was at 31 Taggart St. The funeral, which took place yesterday, was largely attended, and the pall bearers were all fellow members of the deceased in the I. O. O. F.

**The Jewelry Trade Well Represented at the Toronto Industrial Exhibition.**

TORONTO, Ont., Sept. 3.—The Toronto Industrial Exhibition opened on the 1st inst. and will continue for two weeks. The attendance so far has been in excess of previous years, and promises to break the record.

The 4th inst. was Manufacturers' Day, a large number of the leading manufacturers being in attendance at the official luncheon, and jewelry and kindred trades were well represented. W. K. McNaught, of the American Watch Case Co., Toronto, who has recently been appointed president of the Exhibition Board of Directors, occupied the chair and made the opening address. He claimed that Canada was turning out manufactured articles as good as those made in any other country, and better in some lines.

Among the other speakers was W. K. George, of the Standard Silver Co.

The most noteworthy jewelry display is that of Ambrose Kent & Sons, who occupy the central stand in the main building with a fine exhibit, the prominent features of which are enameled souvenir goods and precious stones. They show a pearl necklace in a single strand valued at \$3,000, and many fancy designs in brooches set with precious stones. They have also a full display of sterling silver novelties in toilet articles, and a large and varied showing of society regalia.

R. H. Ingersoll & Bro. have a large exhibit of nickel, silver and gold filled watches.

Patterson Bros. & Co., who have been conducting a jewelry establishment in the Bullick Building, Jennings, La., have purchased the stock of music goods from the Hollenbeak Music Co., and will occupy the rooms now occupied by that firm. The company will incorporate under the style of Patterson Bros. Co., Ltd.



**Providence.**

Workman & Newman are now located at 53 Clifford St.

The Ceramic Art Novelty Co. have taken quarters at 70 Davis St.

S. K. Grover, of S. K. Grover & Co., has returned from a nine weeks' trip to Germany.

George Darling has been enjoying a cruise on his speedy catboat, the *Mblem*, for the past week.

An auction sale of the stock and fixtures of a jewelry and cigar store was held at the salesrooms of George L. Robinson Friday. Fair prices were secured.

William C. Starkweather, receiver of the J. W. Grant Chain Co., has advertised for sale, in lots to suit the purchaser, the machinery, plant, tools and office fixtures of the company.

After a Summer spent at their Summer homes on the shores of Narragansett Bay, many of the local jewelers have returned to their Providence residences prepared for the resumption of what they hope will be a busy and profitable season.

John Chappell, a jeweler by trade, who worked in this city until nine years ago, died, last week, of cancer of the stomach. The deceased was 64 years old and had been ill for about three years. The funeral services were held from his late residence, 128 Wesleyan Ave., Sunday afternoon.

On Saturday Room Y, of the Gorham Mfg. Co.'s establishment, had an outing at the Emery Club, on Reservoir Ave. In addition to a programme of games there were several musical numbers; the day and evening were spent in a most enjoyable fashion. The result of the games was as follows: Hop, skip and jump, T. O'Neill; second, Joe Lacey. Bowling, Herbert A. Reeves. Ball game, won by the married men, by a score of 6 to 2; 100-yd. dash, for fat men, won by Fred Williams; 100-yd. dash, for lean men, won by Harry Morrow; quoits, won by J. W. Doyle.

After an automobile trip, from Toledo, O., to Syracuse, N. Y., Charles A. Russell, of Irons & Russell, has returned to his home in this city. Mr. Russell was accompanied by his wife and son on the trip. Illness of his son compelled Mr. Russell to abandon the completion of the journey by auto, and accordingly he and his family came from Syracuse by train, leaving the machine to be brought on by a chauffeur.

Charles C. Ballou, Warwick, has brought suit against the People's Loan & Trust Co., of this city in an action of trover and conversion. The article in question and possession of which Mr. Ballou is anxious to regain is a diamond ring said to be worth \$1,000. Mr. Ballou asserts that on a certain date he lost the ring, and that on that same date it came into the possession of the defendant. Hence the suit, with damages placed at \$1,000.

The tax assessors have completed their labors, and their figures show that there has been a total gain of \$5,071,140 in the real and personal property valuation of the city during the year past. The list of those who pay taxes on \$50,000 or more includes many jewelers. Among those directly interested in the trade are the following:

John Austin estate, \$108,840; Sophia M. Baker

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

**MOUNT & WOODHULL,**

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS,

IMPORTERS OF

**DIAMONDS,****OTHER PRECIOUS STONES,****PEARLS, ETC.**

MAKERS OF

**FINE  
DIAMOND  
JEWELRY.****26 Maiden Lane**

(Southwest Corner Nassau Street),

**NEW YORK.**

EMERALDS,  
PEARLS AND DIAMONDS.

**MILTON P. BAGG & CO.,**  
RARE SPECIMENS OF  
DIAMONDS AND OTHER  
PRECIOUS STONES.  
21 & 23 MAIDEN LANE, NEW YORK.  
Tel. No. 6226 Cortlandt.  
Cable Address: MILBAGG.  
RUBIES AND SAPPHIRES.

**Pearl Necklaces  
and Collarettes.****Mounted  
Diamond  
Jewelry**of every  
description.

Large  
assortment  
of all kinds of  
very fine, fancy  
and rare gems,  
including Pearls,  
Diamonds, Rubies,  
Emeralds and Sapphires.

**Particularly Fancy  
Colored and Fancy  
Shaped Diamonds.**

18 JOHN ST. NEW YORK

*Emil H. Knapp  
John H. Rueler  
Frank L. Wood.*

*Ernest Nissen*



## PEARLS.

256 Westminster St., Providence, R. I.  
10 Rue Cadet, Paris.

Tel. No.  
663 Corti't.

**GOODFRIEND BROS.,**

Lapidary Works: 93-95 William St., New York.

9-11-13 Maiden Lane, New York.

IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.



SUCCESSORS TO HENRY FERA.

ESTABLISHED 1871.

### FERA & KADISON,

IMPORTERS AND CUTTERS OF

### DIAMONDS.

DIAMOND JEWELRY, PRECIOUS STONES AND PEARLS.

Cutting Works: 132½ Atlantic Ave., Brooklyn.

European House: 21, 23, 25 Leejaregracht, Amsterdam, Holland.

65 NASSAU STREET,

NEW YORK.

and Eliza G. Radeke, \$147,820; B. A. Bailou, \$83,600; Nathan B. Barton, \$80,200; Leander C. Belcher, \$68,900; Brown & Sharpe Mfg. Co., \$1,061,200; Charles W. Bowen, \$98,900; Jeremiah Briggs, \$64,940; John M. Buffinton, \$56,540; Calender, McAuslan & Troup Co., \$60,720; George B. Champlin, \$110,600; S. B. Champlin estate, \$96,900; William O. Cornell, \$53,060; Joseph P. Cory, \$125,740; Michael Fitzgerald, \$108,120; Theodore W. Foster, \$90,180; James A. Foster, \$86,860; Gorham Mfg. Co., \$452,280; Forrest Greene, \$57,760; William C. Greene, \$62,760; Walter S. Hough, \$65,420; Charles F. Irons, \$55,860; Lederer Realty Corporation, \$267,760; Manufacturers' Building Co., \$303,660; Mossberg & Granville Mfg. Co., \$50,000; Ostby & Barton Co., \$59,500; Englehart C. Ostby, \$90,000; John S. Palmer, \$262,040; Isaac M. Potter, \$108,760; Horace Remington and wife, \$50,860; Shepard Co., \$448,400; William H. Waite, \$176,366; Dutce Wilcox, \$270,840; Washington Real Estate Co., \$152,620.

### Plainville.

#### TRADE CONDITIONS.

Business is rushing in the jewelry factories of this town. All of the manufacturers are running full time and have called their help in Saturday afternoons. One company is running evenings until nine o'clock, something unusual at this time of the year. The salesmen are all on the road and are sending in orders faster than they can be filled. It is not, however, a boom, but rather a steady inflow of orders which the salesmen and manufacturers have reason to believe will continue without pause right through the Winter. New help is being hired and the workmen rushed to keep anywhere near filling the orders.

W. F. Maintien, of Maintien Bros. & Elliott, has started for the west.

Charles A. Whiting, of Whiting & Davis, started early this week for the middle west. He will cover the country as far as the Mississippi. Mr. C. E. Bunker will visit the cities west of the river to the ocean, and Fred M. Cook, eastern representative, is on a trip through the eastern cities, going as far south as Washington.

William S. Metcalf started for the west last week, with the samples of the Plainville Stock Co. He will visit the principal western cities.

## Oppenheimer Bros. & Veith,

*Cutters and Importers of Diamonds,*

*Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NASSAU STS., BROOKLYN.



*The*  
"STERNO"  
INFERNO"  
*A Perfect Chafing Dish Lamp*



S. STERNAU & CO



HAVE  
YOU TRIED  
**KOHOLIA?**  
IF NOT, WHY NOT  
Write Us

*You Don't Know  
What Chafing Dish Cookery is  
Until You Have Used  
The **STERNO-INFERNO**  
Chafing Dish Lamp*

HAVE  
YOU TRIED  
**KOHOLIA?**  
IF NOT, WHY NOT  
Write Us



CHAFING DISH No. 1152.

All of Our Chafing Dishes are made of Solid Copper, with extra pan for hot water and handle on hot water pan.

We are introducing this season the largest and handsomest line of New Goods we have ever shown.

Send for NEW SUPPLEMENT No. 18 to our CATALOGUE No. 16.

SHOW CARDS Fac-simile of "STERNO-INFERNO" Design on preceding page  
Sent on Request.

**S. STERNAU & CO.,**

MANUFACTURERS OF METAL WARES

204 Church Street, Cor. Thomas, New York

FACTORY, BROOKLYN, N. Y.

HAVE  
YOU TRIED  
**KOHOLIA?**  
IF NOT, WHY NOT  
Write Us

HAVE  
YOU TRIED  
**KOHOLIA?**  
IF NOT, WHY NOT  
Write Us



**Attleboro.**

Alfred R. Crosby, of Smith & Crosby, is a member of a committee appointed by the Masons to seek better quarters.

William H. Smith, of Smith & Crosby, returned from Cottage City last week with both wrists badly sprained from a fall there.

Edwin A. Fargo, of E. A. Fargo & Co., won, last week, the championship tournament of the Highland Country Club at golf.

The building in St. Jean Baptiste village, Attleboro, erected to be used as a pearl cutting shop, has been transferred to a new concern.

Charles E. Briggs, for 26 years with Sturdy Bros., then Blake & Claflin, and later the James E. Blake Co., died last week. He was married and a popular member of the Republican Club.

Ernest D. Gilmore, of E. D. Gilmore & Co.; Herman T. Regnell, of Regnell, Bigney & Co., and Martin L. Chapman, of Chapman & Barden, were last week elected to office by the Y. M. C. A. of this town.

John M. Fisher, of J. M. Fisher & Co., was the leading spirit last week at a rally of the Prohibition party for southern Massachusetts and Rhode Island, held at the mammoth camp meeting grounds in this town.

Louis A. Nicquette, for 19 years with the W. H. Wilmarth Co., died last week. The United Workmen, the entire factory working force and the Attleboro Band, of which he was a member, attended his funeral in a body.

Miss Minerva F. Appleton, daughter of William H. Appleton, with the Horton, Angell Co., was married last week to William G. Simmonds, formerly a partner in the house now styled the Haydn Jewelry Co. Mr. and Mrs. Simmonds are now touring New York.

The base ball nines of the Watson-Newell Co. and of the R. F. Simmons Co., both hitherto undefeated, met Saturday in the presence of 1,000 employes of both factories, and the Watson-Newell Co. boys won by a score of 15 to 7. It was a tremendously exciting game, the wide margin of

**EICHBERG & CO.,**

IMPORTERS AND CUTTERS OF

**DIAMONDS,**

65 NASSAU STREET

(Prescott Building),

NEW YORK.

**"The  
Pearl  
House."**

**EISENMANN BROS.,**

IMPORTERS OF

**FINE ORIENTAL PEARLS,**

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 &amp; 23 MAIDEN LANE, N. Y.



We make a **SPECIAL BID** for the trade of **Manufacturing and Wholesale Jewelers.**

We would like to demonstrate our advantages to everyone interested. If you cannot call, send for memorandum package and prices.

**The Heller & Son**

51 Maiden Lane, New York.  
PARIS: 5 Cité Trevisé.  
IDAR: 14 Hauptstrasse.

We are Most Favorably Situated for

**OPALS,  
PEARLS,  
DOUBLETS,  
GARNETS.**

Telephone, 219 John.

**GARREAU & GRISER**  
68 & 70 Nassau St., New York.  
**LAPIDARIES. PRECIOUS STONES.**  
**GEMS in Unique Cuttings.**

**FRESH WATER PEARLS**

BOUGHT AND SOLD.

Also PEARLS POLISHED.

and all possible improvements made. Pearls damaged by setting or from wear with diamonds restored.

**JOHN HAACK,** Room 83, 11 John St., New York.  
Office Hours: 1 to 3.



Smith's Patent Inserted Steel Knives  
never get dull and never rust  
E. H. H. Smith. 9 Maiden Lane, N. Y.

NICKEL SILVER AND STERLING



# We Buy American Pearls,

especially

# Large and Fine Specimens.

## JOSEPH FRANKEL'S SONS,

Telephone 2733 John.

68 Nassau Street, New York.



victory being all gained in the last two innings.

The James E. Blake Co. has ordered the erection of an 18-foot trellis 100 feet long facing the south side of the shop. The surroundings of Mr. Blake's factory are very handsome. Joseph M. Bates, Edward A. Sweeney, the Horton, Angell Co. and also the R. F. Simmons Co. are other employers conspicuous for an effort to give their help attractive surroundings for their working hours.

A stupendous rate of growth for Attleboro was made evident last week, when the assessors gave out their annual report. Attleboro has increased in valuation 10% per cent., something unparalleled by any other town or city whose figures have come under the eye of the officials of the town. The increase in total valuation is from \$7,715,134 to \$8,544,845, which is an increase of \$829,711, or 10% per cent. The valuation of the personal estate has risen from \$1,832,699 to \$2,196,920, while the real estate has risen from \$5,891,435 to \$6,347,925. The number of dwelling houses is now 1,936, a gain of 106; two mammoth new jewelry factories are nearly completed, one of them practically all completed, and a very large share of this growth is directly attributable to the manufacturing jewelry business.

John E. Rhind, a jeweler, of Attleboro, died suddenly at Block Island, Saturday, where he had gone on a trip with his wife. The deceased was 51 years old and was formerly of Nova Scotia.

## North Attleboro.

### TRADE CONDITIONS.

The business for this time of year excels anything that has been known for some years. All the shops are running full time and hiring in all the available help. While only one factory is now running evenings several more will begin to do so in a few days as orders are coming in faster than they can be filled. The outlook for the Fall season is exceptionally good. All the salesmen are on the road and are sending in large orders daily.

G. K. Webster and family returned early this week from their summer home at Matunuck.

Alpine Chisholm, of the Bugbee & Niles Co., is in the middle west calling upon the buyers.

Orin W. Clifford, representative of G. K. Webster, has returned with his family from Cottage City.

The large tank at Riley, French & Heffron's factory has been completed and tested. This one seems to be perfect.

G. Cheever Hudson, of G. C. Hudson & Co., returned from a long western trip. He started out again Tuesday for the west.

Harry Totten, formerly of the firm of J. J. Sommer & Co., has recently accepted a position as eastern representative of the F. M. Whiting Co.

John M. Fisher, of J. M. Fisher & Co., gave an interesting address at the Free Evangelical Church last Sunday evening at a temperance rally.

In the late Spring several of the factory owners started flower gardens and set out

trees and bushes around their shops. Now the flowers are blooming, and the effect is very pretty.

J. A. Lucas, western representative of A. H. Bliss & Co., returned this week to Chicago, after a business trip through the principal cities of the middle west.

The owners of the Totten factory building on East St. have put in telephone connections between the offices in the building and the engine room. The room used as a boiler room previous to the erection of the addition recently built is now being repaired, and will be rented as a separate shop.

A party of local young men identified with local jewelry houses—Messrs. A. E. and J. A. Coddington, of the Coddington & Heilbron Co.; Roy Blackinton, of R. Blackinton & Co., and Dr. James A. Bryer—recently made themselves famous at Cottage City by catching the largest mess of bluefish that has been caught in that vicinity this year.

The trouble in the Provident Home Benefit Association, of Providence, R. I., is affecting many local jewelers who hold stock in that association. The latest news in regard to it is that another company doing a similar business in another State are making arrangements whereby they will take up the contracts of the investors and so prevent a complete loss of the money invested. The treasurer of the association has not yet been found.

John Conefy, an old and highly respected citizen of this town, died last week after a long illness. Mr. Conefy was a very proficient jewelry workman, having been employed in several shops in town since his coming, in 1850. He was born in Ireland 70 years ago, and came to this country when a young man. He was employed for many years by E. I. Richards & Co., and has always been regarded by his employers as a valuable, conscientious workman. His wife and three children survive him. The funeral took place at St. Mary's Church. Interment was at St. Mary's Cemetery.

## Boston.

F. H. Pope, of D. C. Percival & Co., was in New York the greater part of last week, on a business trip.

George Poole, of the Poole Silver Co., Taunton, Mass., was in Boston Friday visiting his friends among the trade.

L. E. Cuinet, of Brooklyn, N. Y., will in the future represent, on the road, Arnold A. Robert & Foster, 46 School St., covering the territory of the late Charles E. Foster, of that firm.

Out-of-town buyers in town last week included B. D. Loring, Plymouth, Mass.; J. H. McGovern, Haverhill, Mass.; Jos. Geofrion, Manchester, N. H.; H. M. Hutchings, Westbrook, Me.; G. W. Willis, of Brown & Willis, Fitchburg, Mass.; W. H. Harris, Haverhill, Mass.; F. R. Hayden, Worcester, Mass.; Harry Havener, Haverhill, Mass.; J. S. Stanley, Wakefield, Mass.; F. S. Gray, Rochester, N. H.; L. P. Nason, Lynn, Mass., and Mr. Bruce, of Bruce & Chapin, Worcester, Mass.

Frank Dorr, with D. C. Percival & Co., leaves for Arizona the latter part of this month, for the purpose of restoring his health. The best wishes for a speedy im-

# Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

## HAYDEN W. WHEELER & Co.,

TWO MAIDEN LANE, N. Y.

Telephone, 8 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



For the most attractive  
specialties, exclusive patterns  
and highest quality in

# LEATHER IVORY EBONY

Jewelers should see the  
goods now displayed by



## DEITSCH BROS.,

Makers,

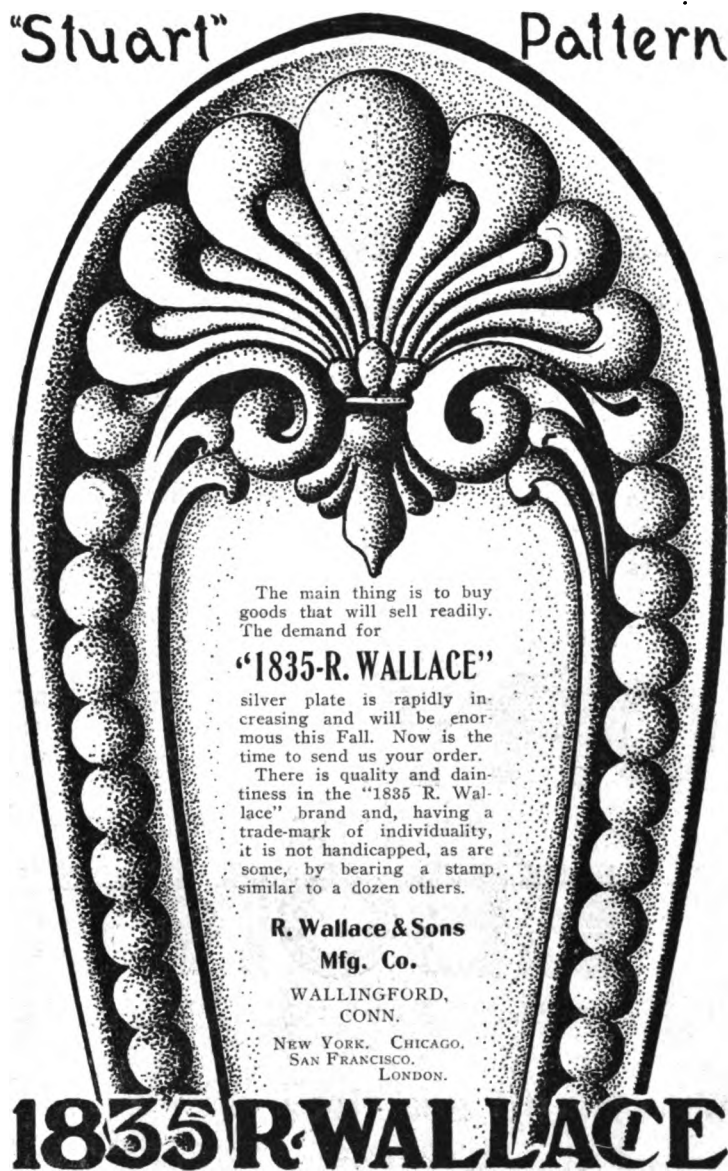
14 East 17th St., N. Y.

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### Royal Copper Mountings.



# "Stuart" Pattern



*This stamp on Sterling Silver  
is an assurance of true value.*

## STERLING NOVELTIES.

Golf Novelties.

Ping-Pong Novelties.

Miniature Cups and Prizes for Tennis, Yachting, Canoeing,  
and all Summer and year-round Sports.

The largest line—

Always up-to-date—

Prices right.

MERRILL BROS. CO., 31 E. 17th St., New York.

provement are expressed by his many friends in the trade.

W. E. Clement, with D. C. Percival & Co., is on the road for that firm, taking the place of Frank E. Buffum.

The Royal E. Robbins School at Waltham, named after the late treasurer of the American Waltham Watch Co., will be opened early this month. A handsome memorial to the late Mr. Robbins is to be placed in the building, but the nature of it is yet to be decided.

Mrs. Mabel Young, of this city, while fishing at Lake Sebago, Me., a few days ago, caught a pickerel, in the stomach of which was found a ruby valued at \$100, according to the estimate of a Roxbury jeweler. Mrs. Young intends to have the jewel set into a ring as a memento of her trip.

### Baltimore.

J. Stuart MacDonald and wife are registered at the Hotel Continental, Paris.

Henry Castelberg and wife and the Misses Irma and Grace Castelberg are at the Blue Mountain House.

The smoke issuing from a tinner's stove on the roof of M. J. Oppenheimer Sons' building, 121 W. Baltimore St., last week, caused some one in the street to turn in an alarm, thinking the building was on fire.

Frederick Phillip Focke, who has been a clerk with Welsh & Bro. for the past 12 years, died on Aug. 21 at the Union Protestant Infirmary, after an operation for appendicitis. He was 27 years old and was devoted to athletics.

The gold medal presented to Prof. C. D. Waters, leader of the Park Band, was designed and made by Philip Schlarb, manufacturing jeweler, cor. Baltimore and St. Paul Sts. It consists of a gold lyre attached to a handsomely carved and engraved bar.

Some thoughtless person caused much trouble last week by scratching with a diamond ring deep and unseemly marks on large plate glass windows on the Lexington St. stores between Liberty and Eutaw Sts. In some cases the windows have been made entirely useless.

The chest of handsome silver that was presented to John G. Beck by the Calvert Drug Co. was supplied by Arthur Wallenhorst, the South Bay St. jeweler. It consisted of 144 pieces and was in a mahogany case on the top of which was a gold plate bearing the inscription.

The U-Need-Em Specialties Co. was recently incorporated for the manufacture of novelties by Harry B. Joyce, William E. Mills, William M. Ledley, Edward F. Mulgrew and George W. Cameron, who are designated as directors for the first year. The capital stock is to be \$25,000, divided into 1,000 shares, each of the par value of \$25.

George Anderson, who, as has been told in THE CIRCULAR-WEEKLY, was arrested for the larceny of a diamond stud valued at \$150, two weeks ago, and who was released on account of lack of evidence, was re-arrested Thursday as he came to claim the precious stone on complaint of the Philadelphia authorities, who think they know the owner.

Samuel Seff reported to the police that some one stole from his store, 413 E. Bal-



THE  
**Winchester**

FOR  
FALL  
OF  
1902.



STERLING SILVER,  
 $\frac{925}{1000}$  FINE.



Spoons, Forks and  
Fancy Pieces, comprising  
a complete line.

Ready for Delivery  
September 1st.

Order a few pieces and carefully examine this simple but beautiful design.

MADE ONLY BY

SIMPSON, HALL, MILLER & CO. (International Silver Co., Successor.), Wallingford, Conn.

NEW YORK, 9-11-13-15 Maiden Lane.

TORONTO, CANADA.

CHICAGO, 195 State Street.



timore St., Friday night, several watches valued at \$50. The thief overlooked a number of valuable watches and articles of jewelry which were in the show cases.

### Pittsburgh.

#### TRADE CONDITIONS.

Business is reported good at nearly all stores. From present indications, Pittsburgh dealers will enjoy a very good Fall trade.

Most of the jewelers have now resumed their Fall and Winter closing hours, 6 P. M. Some of them keep open until 10 o'clock on Saturdays.

F. T. East, of E. P. Roberts & Sons, left last week, for a vacation in West Virginia. H. C. Dunn, of the same firm, has gone to Ohio for a two weeks' vacation.

L. W. Vilsack, of L. W. Vilsack & Co., has been indisposed ever since his return from Atlantic City, the week before last. He has been threatened with appendicitis,

and although able to be about again, is still unable to attend to business.

Joseph Lang, of Hardy & Hayes Co., has returned from Ohio, where he spent his vacation. James Herron, of the same house, is back at work again after a two weeks' vacation spent in Chicago and the west.

Caroline Unger, last week, filed a bill in equity against Miles Rosenthal and Isaac Seirball, alleging she was defrauded out of her interest in a jewelry store at 948 Liberty Ave. She asks for an injunction to restrain them from selling the property and prays for a receiver for the business.

John M. Roberts, the Market St. jeweler, secured the contract for furnishing the \$25,000 silver service for the Monongahela Club, which is to be one of the finest services ever seen here. The competition, both by local and eastern firms to secure the contract, was keen, but Mr. Roberts was the successful bidder.

Minnie Smith, colored, was held in \$500 bail for court trial, for felonious assault and

battery preferred by A. D. McDermond, an auctioneer, of the Standard Jewelry Co., of this city. He alleges that the woman cut him with a razor on the forehead and on the hand as he was coming up Grant St., Wednesday night, shortly before 12 o'clock. He just came out of a restaurant and says the woman attacked him without provocation.

### Canada Notes.

The Royal Silver Plate Co., Montreal, has dissolved.

William Taylor, Brantford, Ont., has assigned to W. Watt, Jr.

Wm. H. House, Dundas, Ont., has sold out to Ammon Davis.

Frederick V. Mea has commenced business at 256 Bagot St., Kingston.

John P. Vick, Owen Sound, Ont., has given a chattel mortgage to R. Wightman.

N. H. Little's jewelry store at Crystal City, Man., was broken into last week and \$1,050 worth of goods were stolen.

# Simmons Watch Chains

It has taken a long time—more than thirty years—to reach the perfection of chain-making expressed in **Simmons Watch Chains**—the best gold-filled chains in this broad land.

It has taken three decades to produce 12,000 beautiful patterns—to create an army of 3,000,000 Simmons-Chain wearers—to educate the reading public of the entire country to a knowledge of the merits of the chains.

To *realize* the advertised, popularized, perfected **Simmons Chain**—thirty long years.

To *sell* the **Simmons Chain**—thanks to these accumulated virtues—about thirty brief seconds. Every live dealer *knows* this.

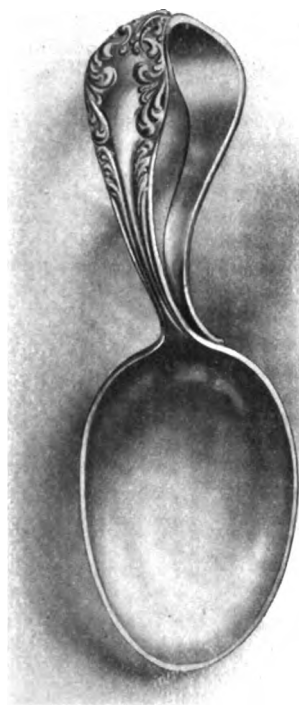
Any leading jobber  
will supply a complete  
line of Simmons chains  
and fobs.

**R.F. Simmons Co.**  
Attleboro,  
Mass.

NEW YORK  
9 MAIDEN LANE.  
CHICAGO  
126 STATE ST.



"MORE THAN  
TRIPLE PLATE."



THE "AVALON."

## "ONEIDA COMMUNITY QUALITY"

Spoons, Forks and Knives will presently be known to every householder through the best advertising mediums. Jewelers are invited to anticipate the demand for these meritorious goods by placing them in their stocks. Address for information and Free Illustrated Booklet, *"About Oneida Community."*

ONEIDA COMMUNITY,  
NIAGARA FALLS, N. Y.

413 Broadway, New York.

## WORLD BRAND

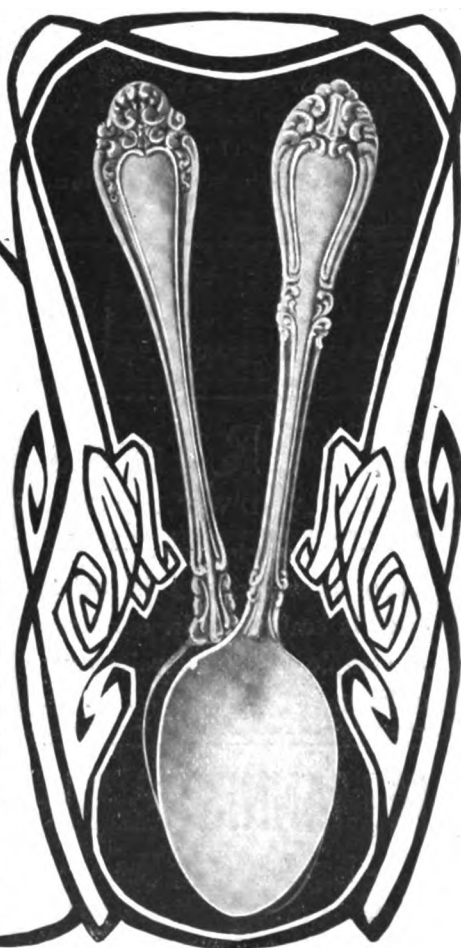
You will find it easy to sell "WORLD BRAND" Plated Ware. No silver ware has ever been made that is quite so attractive or of such splendid value.



"WORLD BRAND"

All Flatware bearing the above Trade-Mark, known as the "WORLD BRAND," is guaranteed to be of the highest grade German Silver Base and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

The American Silver Co.  
Factory: BRISTOL, CONNECTICUT.







**Brooches,**  
14K., 10K. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
BRACELETS,  
HAT PINS,  
ELK BUTTONS

"Runaway Girl" and "Florodora"  
BAGS, HAT, BROOCH AND CUFF PINS, WAIST SETS  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

**CATALOGUE**  
READY ABOUT SEPTEMBER 20TH, OF  
**Ebony, Gun Metal and Leather**  
Novelties.  
**CHAS. L. TROUT & CO.,**  
5 AND 7 MAIDEN LANE, NEW YORK.

Rings for the boy,  
Rings for the man,  
We sell our rings  
On the pennyweight plan.

## Carved Rings

\$1.00 A DWT., 10K.

## Set Rings

80C. A DWT., 10K.

Every known design in existence is embraced in our line. A sample package awaits your calling. . . . .

**M. MANNIST & CO.**

Ring Builders for Men,

57 Maiden Lane,

NEW YORK.

### Harrisburgh, Pa.

C. Ross Boas has sold his Summer home along the Susquehanna River, and bought a new site in the same locality.

L. A. Faunce, 1314 N. 3d St., has had a unique window display the past week. A large flexible cable, to which a number of different colored electric light globes were attached, was draped and twisted in and around the diamonds, watches, etc., therein displayed.

A "flim-flam" game was played on Robert S. Gitt, 1304 Market St., recently by two negroes, who went into the store about 10 A. M. and asked to see ladies' gold rings. After a tray filled with fine gold rings was set upon the show case for their inspection, the jeweler was asked for other styles, and as he went to the safe the negroes replaced two gold rings in the plush tray with two cheap brass rings of no value. The jeweler was at once aware of the theft, and told the two men that they were thieves. Being alone in the store at the time Mr. Gitt was powerless to do anything but allow the men to escape.

### Syracuse.

E. C. Howe spent Sunday at Morrisville. Madison Co.

Charles L. Becker has returned from a three days' fishing trip on Skaneateles Lake.

H. J. Howe, E. C. Howe and Charles Howe will leave early in October for Mountain View in the Adirondacks.

George T. Roy, Memphis, Tenn., watchmaker and engraver, is occupying the place with McClelland & Becker, recently vacated by F. R. Smith.

Calvin S. Ball is expected home next Saturday from his cottage at Round Island, St. Lawrence River, where he has been spending the Summer.

H. N. Edwards opened an attractive new jewelry store in the Keynon block in S. Salina St. last week. Mr. Edwards was formerly located in W. Onondaga St.

There was a small blaze in the rear of W. Stanley Rees's jewelry store in the Manhattan Hotel block in E. Fayette St. last Tuesday. Some one threw a burning match from an upper window in the rear of the hotel. It fell into a thin cloth screen at the rear door of Mr. Rees's store.

setting it on fire. The screen was burned, and the woodwork around the door was charred before the fire was extinguished.

Marvin & Casler have commenced the erection of a building 30 feet square adjoining their plant in Roberts St. The building will be used for silver plating. It is expected that the firm will employ about 50 men.

There is a fine display of silver loving cups, vases, pitchers and dishes in the show windows of George E. Wilkins, McClelland & Becker and H. J. Howe, which are to be used as prizes in the amateur events at the State Fair this week. The prizes were purchased of the three firms named by the committee representing the State Fair Commission.

### Louisville, Ky.

Brainard Lemon has left for New York. Wm. Kendrick left, Monday, for New York.

Victor M. Losch returned, Saturday, from a very successful trip through the State.

Geo. W. Plinke, accompanied by his wife and family, has gone to Chicago.

R. Baude, who has been in bed for the past 10 days with lumbago, has gone to Martinsville, Ind.

Some very handsome cups now on exhibition in the 4th St. jewelers' windows are to be awarded at the Kentucky State Fair, Sept. 22-27.

H. C. Korfhage is the inventor of a clock operated by electricity, which has been an object of great interest to the people of this city. The clock is hung in front of the *Times* office.

On account of the cool weather and the large number of people returning to town, the 4th St. jewelers have decided to remain open on Saturday afternoons, though they had originally intended to keep closed during September.

Leonard Huber, of 712 W. Market St., was a complainant in the police court last week against two men, who gave their names as J. G. Zanone and J. M. Tate. The prisoners were accused of stealing a set of cuff buttons, which were later found on the floor of the jewelry store by a detective. The charge against the men was changed to disorderly conduct and they were fined \$10 each.

**EDUARD VAN DAM,**

IMPORTERS AND CUTTERS OF

**DIAMONDS.**

AMSTERDAM:

CUTTING WORKS AND OFFICE,  
2 ALBERT CUYPSTRAAT.

LONDON, 31 HOLBORN VIADUCT.

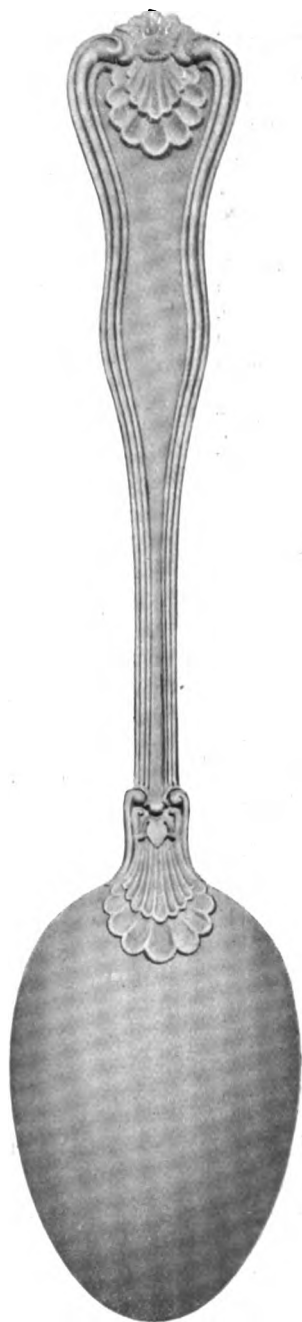
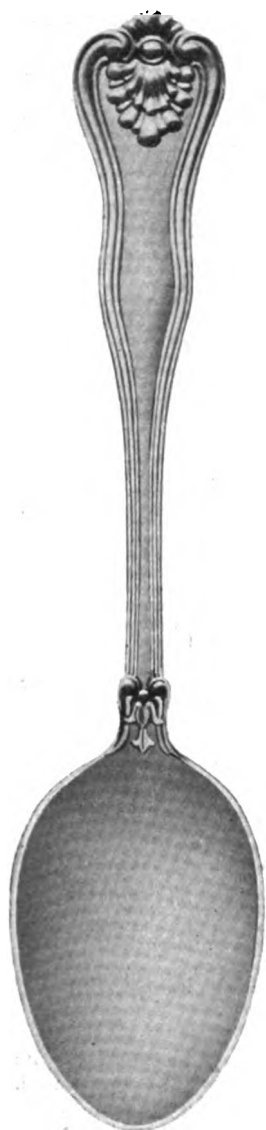
NEW YORK:

CUTTING WORKS AND OFFICE,  
101 BECKMAN STREET.

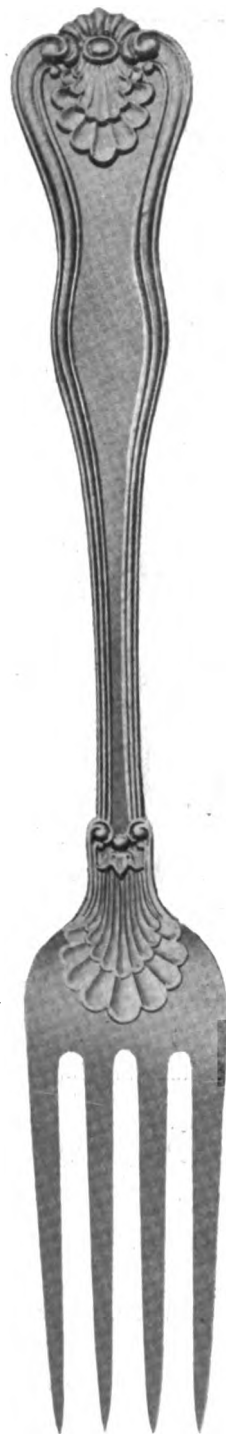
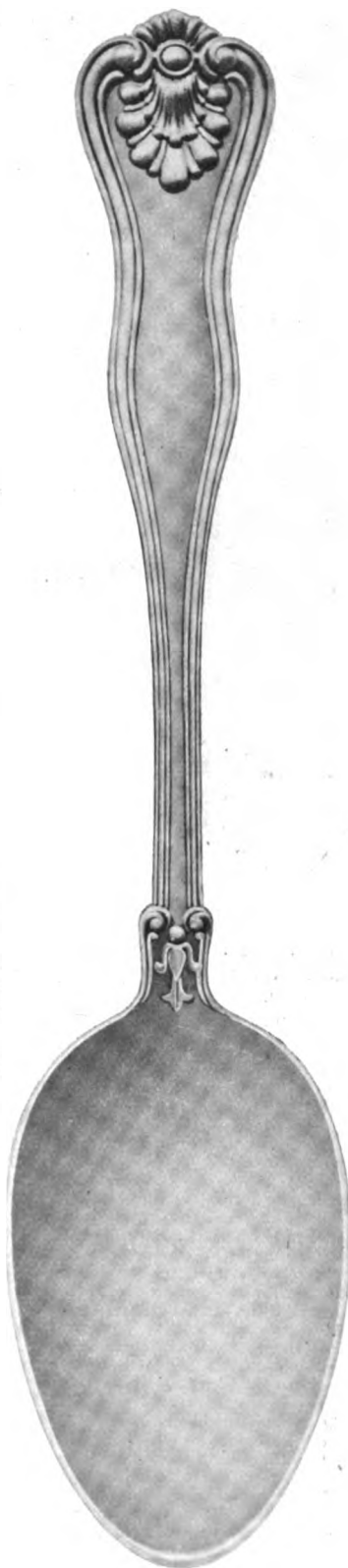
ANTWERP, 66 RUE DES FORTIFICATIONS.



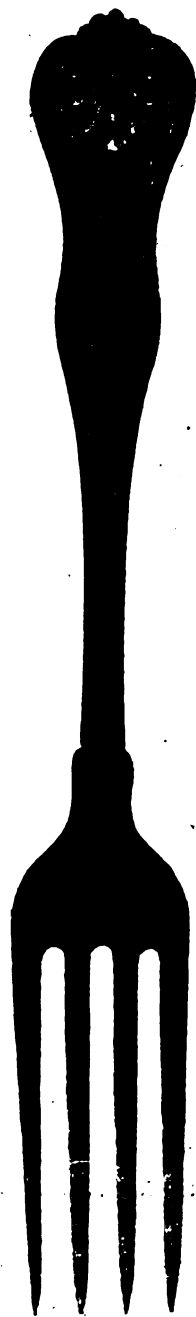
# The Alexandra



REVERSE.



REVERSE.



MADE IN ALL WEIGHTS.

COMPLETE LINE  
OF FANCY PIECES.

DOMINICK & HAFF, Silversmiths,  
860 Broadway, New York





## Shore Dinner of The 24-Karat Club.



The "Shore Dinner" of the 24-Karat Club, which took place Friday at Supper's Hotel, Bath Beach, was so arranged that there was nothing else to do but have a good time. It was the greatest social event thus far of the happy life of the club, and presented the pleasures of Bath Beach to many in Brooklyn and New York who had never been there before, in a way never to be forgotten. A particularly brilliant selection of "outsiders" had been invited as guests of the club, and from the time that the whole party began to collect and shake hands at 1 P. M. in the ferry house at the foot of Whitehall St., New York, until each one of the party lost himself in the fog or in the darkness of night on the shore

industry. One man had attempted to say something about watches, but his main-spring was quickly broken by the hand of a real "merry spirit."

At 3 P. M. the company adjourned to the piazza of the hotel and enjoyed a repast which can only be obtained near the sea. Bright jests and impromptu speeches followed each other in happy confusion. The orchestra, hired specially for the occasion and separated from the diners by a screen, played popular airs, the choruses of which were often caught in song by the diners. The bill of fare consisted of clams in various styles of preparation, lobsters, fish, game and several kinds of liquid refreshments and cigars. Toasts were repeatedly

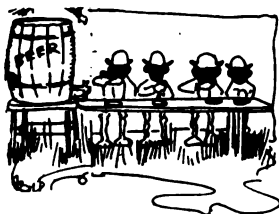


MEMBERS AND GUESTS OF THE 24-KARAT CLUB.

of Long Island, there was more than enough fun to go around.

A special car was in waiting at the 39th St. ferry, Brooklyn, to take the diners to their destination, and the 33 in the party just filled it comfortably. The ride was through a beautiful section of rural Brooklyn and took about 20 minutes, landing the party at Supper's Hotel shortly after 2 o'clock.

Previous arrangements had been made for a very abundant feast. The waiters, cooks and white apron men were soon hustling about, however, and liquid refreshments in a very short time were reaching cozy corners and giving entire satisfaction. The party spread itself comfortably about the pavilion in the rear of the hotel and overlooking the sea. For the more strenuous there was bathing and boating, and for a man of more quiet disposition and poetic taste there was a broad sea with the sun gleaming on it, graceful yachts anchored and sailing, and sea



birds and the breezes. Nothing was said about anything that related to the jewelry

drunk to C. F. Brinck, the popular president of the club and the prime mover in the event which was giving them so much pleasure, and to Col. John L. Shepherd, always a congenial spirit at any gathering.

Appropriate souvenirs were given away at the dinner, and the feature of the occasion was the remarkable and facetious speech of Col. Shepherd, an extract of which is herewith given:

I say to you, live all the years of your life as a young man and you can depend upon it when you hear an old man talking of the good old times, that his life has been a failure. He has not availed himself of the many opportunities that have presented themselves to him, for the golden age of life is in the future and not in the past. Therefore, I say to you, live a strenuous life, keep close to the front. Avail yourself of every opportunity, no matter how small, it lies with you to make it great. No one can do this for you. Be upright, be just, be honest. Do your level best for yourself and your friends, and when you at last turn your face to the west every cloud will be tinged with gold, every hope will be realized. The world will be better for your having lived in it, and you will be a fit member for a 24-k. in another world.

Never be satisfied with your present position or environment. If you are doing well, try to better, that you may help others. A satisfied man or nation never make any progress. It is the dissatisfied men who make the world move, who keep the wheels of progress turning, and no better example of this exists than this great country of ours, that has been built up by the dissatisfied of all the nations of the earth. Millions and millions of men come here seeking the liberty and justice and prosperity that had been denied them in the old world,

and casting themselves in this great crucible of American recreation, they produced a Washington, a Jefferson, a Lincoln, a Grant, a Lee, and a McKinley, the peers of statesmen and soldiers, that ever lived on this big round world of ours.

It was the dissatisfaction of the American people with Spain's treatment of Cuba that led to the last war, a war in which we never lost a battle, a gun, or a flag, a war in which we taught all the world a lesson of bravery and patriotism they shall never forget. The nations of Europe previous to this had looked upon this great nation as a mob, but we taught them better, and to-day there is not a nation upon the face of the earth that dares to lay its hands upon a poor and lowly people without waiting to see what Uncle Sam has to say about it, and when the brother of the German Emperor visited our country he met thousands and thousands of the descendants of the poor and lowly of his country, but failed to recognize them in the magnificent manhood of American citizenship.



For all these things we should never cease to honor the men of the War of the Revolution who established our country, and as well the men of the great war of 40 years ago, when more than 300,000 brave men gave up their lives that the nation might live. Let us not forget that all these things came about because the people were not satisfied with their condition. All these things are beautifully expressed by an unknown poet who says.

The men who are not satisfied  
Are they who set the pace,  
Men who do not meet defeat  
With calm, contented face.

The men who labor on and on  
With mind and fingers skilled,  
Are the great unsatisfied  
That plan, and fight, and build.

They cross the sea with turning wheel,  
They gird the world with wires,  
They belt the land with rails of steel,  
And pierce the air with spires.

They take us out of bygone ways,  
They lead us through the dark,  
To where some man unsatisfied  
Has placed a shining mark.

After a pose on the front steps of the hotel, where a group picture was taken, the company adjourned until the next pleasure event of the club shall have been arranged. Some returned to town, while others wandered off in small parties to different shore resorts on the south shore of Long Island.

The affair was pre-eminently a success and will long be remembered.

Those present at the dinner were:

C. F. Brinck, of the Crescent Watch Case Co.; Col. John L. Shepherd, of the Keystone Watch Case Co.; J. Warren Alford, of C. G. Alford & Co.; A. V. Huyler, of N. H. White & Co.; T. Zurbrugg, of the Philadelphia Watch Case Co.; J. R. Gleason, of the American Waltham Watch Co.; W. T. Thompson, of the Elgin National Watch Co.; A. Beucke, of the Crescent Watch Case Co.; W. I. Rosenfeld; P. H. Savory, of the Wadsworth Watch Case Co.; Willard H. Wheeler, of Hayden W. Wheeler & Co.; F. T. Sloan, of Sloan & Co.; C. A. Cree; J. L. Bennett, of the Illinois Watch Case Co.; L. W. Rubenstein; A. L. Stearns; Stephen Avery, of Avery & Brown; E. J. Peck, Joliet, Ill.; G. P. Whitehead; I. C. Wales, of the Tiffany Jewelry Co., Boston, Mass.; A. Rosenthal; H. N. Eliassof, of Eliassof Bros. & Co.; F. W. Judge, Jr., attorney for club; J. K. Thompson, of King & Eisele, Buffalo, N. Y.; Walter Wright; G. F. Fenier; W. F. Chambers; R. R. Fogel; A. Schwob;





## SPECIAL PRESENTATION PIECES

and ware requiring new and original designs are always given our most careful and prompt attention.

Our several factories and large facilities enable us to place at the service of the trade a corps of experts, producing the most artistic

## STERLING SILVER AND SILVER PLATE

The ware we are furnishing the U. S. Army, the U. S. Navy, the largest Steamships, Hotels and Clubs, as well as the trade in general, is a sure indication of the desirability and popularity of our productions. Our increased line of

## RICH AMERICAN CUT GLASS

is now well displayed in the new addition to our warerooms, 15 Maiden Lane, and is worthy of your inspection.

## INTERNATIONAL SILVER CO.,



PRIZE YACHT.



PUNCH BOWL MADE FOR U. S. GUNBOAT "WILMINGTON."

Successor to

THE BARBOUR SILVER CO.  
THE DERBY SILVER CO.  
THE HOLMES & EDWARDS SILVER CO.  
THE MANHATTAN SILVER PLATE CO.  
MERIDEN BRITANNIA CO.  
THE MERIDEN SILVER PLATE CO.  
THE MERIDEN CUT GLASS CO.  
NORWICH CUTLERY CO.  
ROGERS & BROTHER.  
THE WM. ROGERS MFG. CO.  
ROGERS, SMITH & CO.  
THE ROGERS & HAMILTON CO.  
WILCOX SILVER PLATE CO.  
SIMPSON, HALL, MILLER & CO.  
MIDDLETOWN PLATE CO.  
THE WATROUS MFG. CO.

**Warerooms:**  
**9, 11, 13 and 15 Maiden Lane,**  
**New York.**

GENERAL OFFICE, MERIDEN, CONN.



# EBONY

*Toilet*  
*Articles*  
*and*  
*Traveling*  
*Sets*

"Don't get squeezed into  
 paying several profits"  
 you can have  
 Importers  
 Prices

**Leys Christie & Co.**  
 MANUFACTURERS



of Brooches, Links,  
 Scarf Pins and Lockets.

We cordially solicit a personal visit.

**65 Nassau St.,  
 New York.**

TRADE MARK.

QUALITY IN EVERY WAY THE BEST

DEWITT SOLVAY LA FRANCE ROSE

**M.S. BENEDICT MFG CO.**  
 FACTORY EAST SYRACUSE, N.Y.  
 109 WABASH AVE. CHICAGO ILL. 409 BROADWAY N.Y.  
**SILVER PLATED WARE.**

E. R. Crippen, of the Philadelphia Watch Case Co.; Leo Wormser, of the Julius King Optical Co.; L. Anderson, and F. W. Robinson, of THE JEWELERS' CIRCULAR-WEEKLY.

## "Shore Dinner" Notes.

"And the smoke went up the chimney just the same!"

A reflective member of the company, observed



CHAS. F. BRINCK, PRESIDENT.

to himself, after dinner, poking a lobster shell, "I wonder what that lobster thinks of the rest of us?"

"Do we get all this, Mr. Photographer, for 50 cents?"

The man who had so much difficulty with his voice knew, perhaps, better than any one else what he was talking about when he got the name of the club twisted, and looking straight at a number shouted, "The 24-Claret Cub is having a good time."

Where was William Bardel? Here's an extract from a letter the genial W. B. intended to be read on that occasion: "Three cheers for the 24-Karat Club!"

The guests were: C. A. Cree, L. W. Rubenstein, Stephen Avery, H. N. Eliassof, F. W. Judge, Jr., Walter Wright, T. Zurbugg, G. F. Fenner, W. T. Thompson, W. C. Wales, E. J. Peck, J. K. Thompson, R. R. Fogel, A. Schwob, and L. Anderson.

The new club pin was initiated at the dinner. It consists of the figures 24. Between the 2 and the 4 is a small carrot. The carrot is of a maroon color and the figures are of gold. The top of the carrot has a small knob of green enamel which represents the growing vegetable. The pin is both unique and appropriate.



Kuesel & Puls, Milwaukee, Wis., have moved into the quarters vacated by Lord Bros. Jewelry Co.

President Roosevelt said in his speech the other day in Boston:

"One Law for all, trust Legislation wanted to guard Corporation Rights as well as Individual," but we say not so with the

# CHAINS R & D CHAINS

in 1/10th, 14Kt. and Ideals: We don't want any trust in Chains, we are solely working for the Individual, and give the best that money and experience can produce.

## RODENBERG & DUNN,

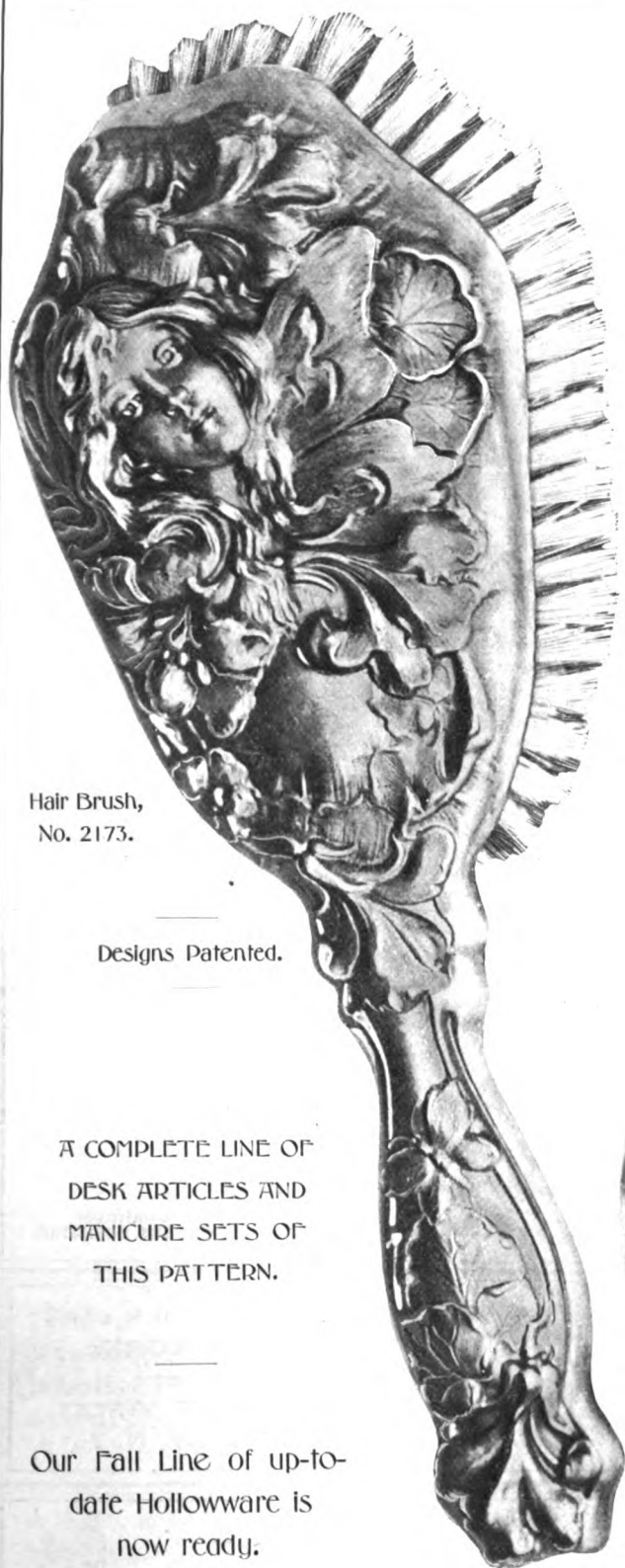
NEW YORK OFFICE,  
 9-11-13 MAIDEN LANE.

PROVIDENCE, R. I.,  
 183 EDDY STREET.



# Butterfly Girl Toilet Set.

Two more examples of this pattern,  
which is made in 16 pieces, each  
a distinct design in itself.



Hair Brush,  
No. 2173.

Designs Patented.

A COMPLETE LINE OF  
DESK ARTICLES AND  
MANICURE SETS OF  
THIS PATTERN.

Our Fall Line of up-to-  
date Hollowware is  
now ready.



Puff Box, No. 2182.

## WOODSIDE STERLING CO.,

SILVERSMITHS,  
192 Broadway, N. Y.

Factory,  
Newark, N. J.

Catalogue  
on request.





Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their confreres.

The following called on the Louisville, Ky., trade, last week: Dan Wile, Buffalo Jewelry Case Co.; Charles E. Lochner, Hayes

Bros. Co.; E. D. Wetton, C. Dorfinger & Sons.; I. R. Theise, B. H. Davis & Co.; Zach Oppenheimer, Zach A. Oppenheimer; M. Tewksbury, Frank W. Smith; A. N. Dorchester, Chapin & Hollister Co.; Eugene W. Brannon, John W. Reddall & Co.

L. F. Sarkis, with W. B. Glidden, San Francisco, Cal., has returned from a selling trip to the north. Caro W. Jacobs, with J. Jacobs & Co., San Francisco, Cal., expects to go on the road in about a week.

H. M. Tenny and A. J. Perry, both with Lapp & Flershem, Chicago, Ill., returned from their territories last week.

E. E. Reynolds, with C. H. Knights & Co., Chicago, Ill., came in from Wisconsin, last week, reporting a good business.

Among the representatives of wholesale houses, who, recently, visited the trade in Detroit, Mich.,

were: S. L. Griffin, C. F. Rump & Sons; W. H. Hamill, Leys, Christie & Co.; Eugene W. Brannon, John W. Reddall & Co.; F. A. Perry, John Russell Cutlery Co.; Richard Rhode, Bawo & Dotter; G. W. Bleecker, Martin, Copeland & Co.; Alfred R. Varian, Dennison Mfg. Co.; W. C. Barry, Larter, Elcox & Co.; J. T. Griffith, Jr., Carter, Howe & Co.; E. S. Smith, Smith & North; Mr. Macpherson, C. Ray Randall & Co.; G. N. Veitch, J. F. Fradley & Co.; Mr. McClannin, Wilcox Silver Plate Co.; Fred S. Hoffman, G. A. Henckel & Co.; Fred J. Foster, Unger Bros.; H. D. Meyer, Frank Kursh & Son Co.; Mr. Clapp, Lewis Bating Co.

Among the representatives of eastern houses who have been in Minneapolis and St. Paul, Minn., during the past week, were: J. E. Austin, H. Hohenstein Co.; H. A. Scofield, Scofield, Melcher & Scofield; Harry Stern, Fleischman & Co.; F. W. Peniman, Buffalo Dental Mfg. Co.; H. E. Cobb, Daggett & Clap Co.; W. A. Lamb, Geo. H. Fuller & Son Co.; Mr. Pearce, Bay State Optical Co.; Harry E. Farquharson, Bliss Bros. Co.; Charles E. Bunker, Whiting & Davis; S. W. Abbey, E. Ira Richards & Co.; N. Shiman, Shiman Bros.; George W. Birnbaum, Ehrlich & Sinnock, Bonner & Co., and Nessler & Co.; Louis Hirsch, Hirsch & Flashner; J. W. Stoneburner, J. G. Fuller Co.; Max Huss, S. & A. Borgzinner; J. A. & S. W. Granbery; Mr. Wilkins, Ostby & Barton Co.

The following traveling representatives called upon the Pittsburgh, Pa., trade, during the past week: C. A. Hulstrom, Wilcox & Evertsen; H. C. Rowbotham, C. P. Goldsmith & Co.; William W. Middlebrook, B. A. Ballou & Co.; J. Carpenter, Horton, Angell Co.; H. D. Meyer, Frank Kursh & Son Co.; H. E. Cobb, Daggett & Clap Co.; F. R. Krugler, H. A. Kirby Co.; S. C. Corbin, Waterbury Clock Co.; W. R. Eliot, Meriden Cut Glass Co.; C. A. Qeidermann, T. B. Clark & Co.; Frank E. Whitmarsh, Alvin Mfg. Co.; Fred Clarkson, Albert Lorsch & Co.; Mr. Ford, Ford & Carpenter; Edwin F. Skinner, Roy Watch Case Co.; J. F. Dean, Reed & Barton; P. W. Smith, Roger Williams Silver Co.; Charles T. Dougherty, W. L. Sexton & Co.; George T. Howard, Towle Mfg. Co.; George H. Remington, Waite, Mathewson & Co.

The following traveling representatives of east-

ern jewelry houses visited Kansas City, Mo., during the past week: Mr. Clurger, T. G. Hawkes & Co.; E. M. Sachs, Louis Wolfsheim & Co.; S. K. Jonas, I. W. Friedman; H. H. Jacobson, Jacobson Bros.; A. M. Dueber, Dueber Watch Case Mfg. Co.; Harry Mix, Wightman & Hough Co.; Sam H. Fink, Fink, Bodenheimer & Co.; F. L. Pettée, Waterbury Clock Co.; Mr. Carlisle, Follmer, Clogg & Co.; John F. Garland, Keller Jewelry Mfg. Co., and L. H. Keller & Co.; F. L. Carpenter, Frank M. Whiting & Co.; Frank Schonrech, Deitsch Bros.; Jerome C. Cook, Champenois & Co.; John V. Larson, Anchor Silver Plate Co.; Lewis L. Squire, F. H. Cutler & Co.; M. H. Sluman, Potter & Buffinton; Charles J. Jacobs, Manager, Homan Silver Plate Co.; Steven Smith, Simpson, Morehead & Co.; Mr. Gaspau, O. F. Egginton Co.; Lewis L. Squire, F. H. Cutler & Co.; William J. McQuillin, Hadenpyl & Sons; William T. Smith, International Silver Co.; H. Higham, Alling & Co.; Lewis L. Squire, F. H. Cutler & Co.; John Marsh, C. A. Marsh & Co.; A. B. Chase, F. S. Gilbert.

Traveling representatives calling on the Syracuse trade, during the past week, were: Anson D. Manning, D. Wilcox & Co.; E. Huhn, Fera & Kadison; James J. Doll, William Link; E. Ball, Woodside Sterling Co.; Mr. Miln, Buffalo Jewelry Case Co.; L. Weber, Joseph H. Fink & Co.; S. D. Klein, Klein Bros.; William B. Tilton, D. C. Percival & Co.; F. C. Allen, D. Gruen, Sons & Co.; Morris Weil; C. E. Mott, J. B. Bowden & Co.; James W. Wortz, C. Sydney Smith; George C. Booth, Engelfried & Weidmann; H. O. Theobald, Knickerbocker Silver Co.; Walter S. Noon, W. F. Cory & Bro.; Mr. Macpherson, C. Ray Randall & Co.; S. E. Coggins, Towle Mfg. Co.; G. Harvey Bliss, Bates Bros. Co.; Max L. Jacoby, Manchester Mfg. Co.; G. B. Osborn, William Smith & Co.; W. A. Peck, O. W. Bullock & Co.; Milton S. Rodenberg, Rodenberg & Dunn; James O. Otis, Harvey & Otis; Meyer Lehmann, Ludwig Lehmann; Henry Fein, Keller Jewelry Mfg. Co.; C. F. Sweasy, William B. Kerr & Co.; Mr. Sylvia, Pairpoint Corporation; Samuel J. Nelson, Quaker City Cut Glass Co.; H. S. Adams, Berlin & Jones Co.; E. D. Kenney, M. E. & A. M. Kenney.

# H. GATTLE,

MAKER OF

## HIGH GRADE DIAMOND JEWELRY.

IMPORTER OF

## DIAMONDS AND PRECIOUS STONES,

DESIGNS AND  
ESTIMATES FURNISHED.

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AND  
JOBBER OF

### DIAMONDS WATCHES JEWELRY

9-11-13 MAIDEN LANE  
NEW YORK.

100 STATE STREET,  
ALBANY, N. Y.



Hand Carved Ring Mountings  
SET RINGS. IN 10 K. AND 14 K. GOLD.

DIAMOND JEWELRY.

## KLEIN BROS.,

9-11-13 MAIDEN LANE,

NEW YORK.



## ROSENZWEIG BROS.,

52 MAIDEN LANE,  
NEW YORK CITY.

HEADQUARTERS FOR

0<sup>th</sup> Suffolk Movement in 20-year Filled Hunting Case,  
at \$15.30, Keystone list.

0<sup>th</sup> Suffolk Movement in 10-year Filled Hunting Case,  
at \$12.00, Keystone list.

This is the cheapest American made 7-J. lever set, cut balance watch  
in the market. Send to us for Jewel Series Waltham Watches.



**Roger Williams  
Silver Co.,**



**Sterling Silver Only.**

**925-1000 Fine.**

The object of our Trade Mark is to convey to the trade the identity of our wares without further investigation on the part of the purchaser.

We invite inspection of the extensive lines we have prepared for this season.

New designs in Toilet Ware and Manicure Goods.

New patterns in Flat Ware.

Everything new in Hollow Ware, including many choice exclusive pieces, hand wrought, no duplicates or photographs.

Everything made by a legitimate Silversmith will be found in our stock.

**Salesroom,  
860 Broadway, New York.**

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# UMBRELLA HANDLES

A complete line of 500 exquisite designs in  
floral and art nouveau patterns.

Heavy  
sterling silver,  
hand chased and  
exquisitely finished.  
All the popular and  
many new  
and novel  
shapes.



We also  
manufacture  
a complete line  
of cane and um-  
brella handles in  
solid gold and  
heavy gold  
filled.

Our lines of Sterling Mounted  
Glassware and Loving Cups will interest you.

**J. F. FRADLEY & CO.,**  
114 EAST 14TH STREET, NEW YORK.





# Waltham Watches.

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The issue of the following described movement  
is announced:

**APPLETON, TRACY & CO. PREMIER.**



Nickel; 17 Ruby Jewels; Gold Settings; Jewel Pin set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance in Recess, Adjusted to Temperature and Five Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding-wheels; Double Sunk Dial.

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MANUFACTURED AND WARRANTED BY THE

**American Waltham Watch Company,**  
WALTHAM, MASS.





PUBLISHED EVERY WEDNESDAY BY  
**THE JEWELERS' CIRCULAR PUB'G CO.,**  
 11 JOHN ST., COR. BROADWAY, NEW YORK.  
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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

### Failures During August.

**C**OMMERCIAL failures for the month of August, according to *Dun's Review*, number in all about 840, involving liabilities of \$8,068,525. Of these, 213 failures, for \$2,762,180, were in the manufacturing line, and 580, for \$3,333,158, were among traders and dealers. On the whole the figures show a material decrease in amount of liabilities from last year, and a decrease in liabilities for August of both 1901 and 1900.

The figures given for the jewelry and clock trades show fewer failures among dealers for the month just passed than for any August in the past five years, though the liabilities given are larger in amount than for any August during the same period.

The figures show, briefly, that there were four failures whose liabilities aggregate \$70,424, as against 11 failures in August, 1901, with liabilities of \$33,794; nine failures in August, 1900, with liabilities \$17,298; 11 failures in 1899, with liabilities of \$51,937, and six failures in 1898, with liabilities of \$25,127.

The average liabilities of each failure for last month, according to this table, is \$17,606, or almost as much as the total of the nine failures which took place in August, 1900.

### No Political Significance.

**T**HE press of the Attleboros commented favorably and unanimously last week on the leading editorial of *THE JEWELERS' CIRCULAR-WEEKLY* concerning the part taken by Congressman William C. Lovering in affecting the tariff schedule of the Dingley Bill so far as it related to the jewelry industry. The Taunton papers, however, went a step further, and the principal one contained the words, "The New York *JEWELERS' CIRCULAR-WEEKLY* has come out with an article favoring Hon. William C. Lovering for Congress."

*THE CIRCULAR-WEEKLY* was very careful in the language used in the editorial above referred to, and no political construction nor partisan bias could be put on it save

by the most violent contortion of its meaning. This journal was only interested in the matter so far as it bore on the history of a stirring period of importance to the jewelry industry, and did not in any way intend to show any interest in the personnel of the Bay State's representatives in the national Legislature.

### Trial of "Abe" Rothschild Begun at Carlisle, Pa.

CARLISLE, Pa., Sept. 8.—The trial of "Abe" Rothschild on a charge of conspiracy with Thomas B. Best to swindle several New York jewelry firms out of nearly \$250,000 of jewelry was begun in Cumberland County Criminal Court here, to-day.

Rothschild, it will be remembered by readers of the *CIRCULAR-WEEKLY*, is the man who is said to have prevailed upon Best to impersonate Geo. H. Stewart, a millionaire grain merchant of Shippensburg, Pa., and sent orders in his name to New York jewelers on June 13 requesting samples of diamond jewelry from which to make a selection for a wedding present. At Shippensburg, Best posed as Geo. H. Stewart, and said he was about to open a jewelry store.

At the opening of the case, to-day, Best, without counsel, pleaded guilty and at a late hour this evening took the stand against Rothschild. Rothschild, with a long array of brilliant legal talent, strenuously denied Best's story, and made a big fight for liberty. The case was adjourned.

### Alleged Pennyweight Thief Arrested on Maiden Lane.

Maiden Lane jewelers have at last succeeded in capturing a "pennyweight" sneak thief, who has been bothering them off and on for more than a year. The man was caught Thursday afternoon through the shrewdness of one of the clerks of the Spencer Optical Mfg. Co. He was arraigned Friday morning in the Tombs Police Court, where he gave his name as John Tarraffalo, and was charged with attempted larceny. He was held in \$500 bail to await the action of the Grand Jury.

Tarraffalo is an Italian, about 26 or 27 years old, of medium build, of gentlemanly manners and flashily dressed. About a year ago he walked into the Gorham Mfg. Co.'s downtown establishment and asked for a diamond and sapphire ring. His manner, however, immediately aroused the suspicion of one of the clerks. He was told that the concern did not keep rings of that nature and was directed to a house across the street. The clerk then watched to see if he would go to the place he had sent him, and the actions of the young man confirmed his suspicions that he was a thief.

A few weeks later the same young man again entered the Gorham store and asked for the same thing which he had called to see on his first visit. A clerk who was not quite so shrewd as the first one waited on him at this time, and the young man was able to get away with a valuable piece of silverware unnoticed. Several times he called at the Gorham Mfg. Co.'s place, but on each occasion was either frightened away or ordered out of the store.

Thursday last he went into the store of

Geo. W. Shiebler & Co., 5 Maiden Lane, and asked for some high grade silver match cases. When a tray of these cases was placed before him Tarraffalo did a few sleight-of-hand performances with a pocket handkerchief, which he finally dropped on a case of silverware. In removing his handkerchief he also removed a valuable silver match case. A clerk was watching him, however, and the man seeing that he had been caught replaced the silver and darted out of the store.

The clerk kept watch on him for some time and eventually traced him to the Spencer Optical Mfg. Co.'s store. Here Tarraffalo did the same trick with the pocket handkerchief and tried to get away with a valuable opera glass. Like the clerk in Shiebler's, however, the man who was waiting on him was too shrewd, and Tarraffalo, seeing that his game would not work, ran hurriedly out of the store, followed by the clerk. He was overtaken on the corner of Nassau St. and Maiden Lane, and given into the charge of a policeman.

Tarraffalo in vain proclaimed his innocence, but was carried away to the police station.

### Referee Reports Against Jeweler's Discharge from Bankruptcy.

HARTFORD, Conn., Sept. 5.—Referee Kellogg has filed in the District Court of the United States a report on the application of Charles H. Keeney, of South Manchester, bankrupt, for a discharge from bankruptcy. Mr. Kellogg finds that Keeney concealed certain property from the trustee of his estate and that he should not be discharged.

Keeney conducted a jewelry store at South Manchester at the time of the filing of his petition in bankruptcy, and when he made application for a discharge Judge Bowers, of Manchester, representing George H. Herrick & Co., jewelry jobbers, Attleboro, Mass., who were among the creditors, filed objection to the application.

The specification against the bankrupt's discharge alleged that he made a false oath when he swore in certain of his schedules that he was indebted to his brother, Henry Keeney, for \$600, as evidenced by a note for that sum, and for the sum of \$295.28 due for labor performed. It was also claimed that the bankrupt failed to keep books of account, with intent to conceal his true condition, and in contemplation of bankruptcy, and with intent to defraud creditors, and it was also alleged that the bankrupt knowingly and fraudulently concealed from the trustee of his estate certain property which should have been included in the estate.

Referee Kellogg, in concluding the case, said: "It seems to me that the bankrupt's explanation is wholly inadequate, and not credible. When a large shrinkage and disappearance of assets within a short period preceding failure cannot be explained in any rational or intelligible manner, the inference is justified of a fraudulent withdrawal and concealment of assets. The referee, therefore finds that Keeney knowingly and fraudulently concealed while a bankrupt, from his trustee, jewelry and watches, and that, therefore, a discharge should not be granted him."



**Last Week's New York Arrivals.**

**THE CIRCULAR-WEEKLY** each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

*For the sum of \$10. (payable in advance) a daily list will be furnished, during the fall season (ending Dec. 10), at the offices of those desiring this service.*

ALBANY, N. Y., Frank Sherman (Sherman, William & Co.), 335 Broadway.  
 ALTOONA, PA., L. Lippman, Rossmore.  
 ASHLAND, KY., I. N. Pollock, Empire.  
 BALTIMORE, MD., H. Greenbaum (M. Goldenburg), Grand.  
 G. H. Hutzler (Hutzler Bros.), Everett.  
 S. S. Kann (Kann Bros. Silver Co.), Hoffman.  
 BAY CITY, MICH., Herman Hiss (Herman Hiss & Co.), Astor.  
 BINGHAMTON, N. Y., C. F. Sisson, Jr. (Sisson Bros. & Welden Co.), Imperial.  
 BIRMINGHAM, ALA., H. C. Abbott (H. C. Abbott & Bro.), Grand.  
 BOSTON, MASS., W. C. Wales, Astor.  
 J. M. Bacon, Astor.  
 W. Weiler (Jason Weiler & Son), Broadway Central.  
 BRADFORD, PA., Abram S. Jacobi (M. L. Mock), 467 W. 153d St.  
 BUFFALO, N. Y., O. R. Rick (Adam, Meldrum & Anderson Co.), Normandie.  
 BUTLER, PA., G. Cleland, Imperial.  
 CANTON, O., J. B. Rose (J. B. Rose & Co.), Hoffman.  
 CHICAGO, ILL., M. Eiseman (M. A. Eiseman & Co.), Broadway Central.  
 S. Swartzchild (Swartzchild & Co.), Navarre.  
 R. Landau, Astor.  
 M. L. Silverberg, Astor.

CHILLICOTHE, O., O. J. Fuchs, Gerard.  
 M. O. Nobbe (Nobbe & Roempke), Gerard.  
 CLEVELAND, O., C. A. Gager, Continental.  
 F. L. Sumner (C. C. Sigler Co.), 317 E. 17th St., Brooklyn.  
 COLUMBIA, S. C., J. B. Sylvan (Sylvan Bros.), Cadillac.  
 COLUMBUS, GA., F. Theodore Petri (Kinsel & Petri), 68 Nassau St.  
 DENVER, COL., A. F. Pohlman (Daniels & Fisher Stores Co.), Herald Square.  
 DETROIT, MICH., W. A. Sturgeon, Holland.  
 EVANSVILLE, IND., A. Bitterman (Bitterman Bros.), Murray Hill.  
 GALVESTON, TEX., M. O. Nobbe (Nobbe & Roempke), Earlington.  
 GOWANDA, N. Y., W. Smallwood, Cosmopolitan.  
 GREENFIELD, MASS., C. P. Forbes, Navarre.  
 HENDERSON, KY., J. D. Jensen (J. D. Jensen & Co.), Astor.  
 W. W. Warrick, Park Ave.  
 HOUSTON, TEX., B. F. Harless, Marlboro.  
 JOHNSTOWN, PA., J. Lipman, Imperial.  
 LOUISVILLE, KY., Sam Frank (Thalheimer & Frank), Imperial.  
 L. Huber, Empire.  
 B. Lemon (J. K. Lemon & Son), Imperial.  
 W. Wolff.  
 MILWAUKEE, WIS., Mrs. C. B. Crane (Gimbel Bros.), St. Denis.  
 NASHVILLE, TENN., Mr. Hirschberg, Hoffman.  
 NEWARK, O., W. H. Mozey (H. S. Griggs & Co.), Navarre.  
 NEW HAVEN, CONN., M. Weil (Edw. O'Malley Co.), Marlboro.  
 NEW ORLEANS, LA., Miss H. Marks (Schwartz & Isaacs Co.), Grenoble.  
 NORWICH, CONN., T. Galligan (Porteous & Mitchell), 55 White St.  
 PARSONS, KAN., M. F. Kohler, Criterion.  
 PEKIN, ILL., H. Birkenbusch, Herald Square.

PHILADELPHIA, PA., W. P. Sackett (Jno. Wanamaker), St. Denis.  
 Miss C. Sichel (Gimbel Bros.), Imperial.  
 PITTSBURGH, PA., C. W. Wattles, Imperial.  
 PLYMOUTH, MICH., Chas. A. Berkey (Berkey Cash Jewelry Co.), Astor.  
 PORT HURON, MICH., J. D. Patterson (R. S. & J. D. Patterson), Victoria.  
 POTTSTOWN, PA., W. E. Mills (E. Mills), Herald Square.  
 RALEIGH, N. C., L. A. Mahler (H. Mahler's Sons), 23 Maiden Lane.  
 RICHMOND, VA., A. Hutzler (A. Hutzler & Sons), Herald Square.  
 ROCHESTER, N. Y., T. C. Claffey (Fahy, Schantz D. G. Co.), Broadway Central.  
 W. E. Heimbuch (Heimbuch Bros.), Sturtevant.  
 W. H. Walmsley (W. H. Glenney & Co.), Westminster.  
 SAGINAW, MICH., H. S. Siebel, Wellington.  
 SALT LAKE CITY, UTAH, H. E. Schoeffberger (Walker Bros. D. G. Co.), Navarre.  
 SAVANNAH, GA., Hugo Frank (Frank & Co.), Hoffman.  
 STEUBENVILLE, O., E. J. Helms (A. M. Helms), Broadway Central.  
 ST. LOUIS, MO., M. G. Dillon (D. Crawford & Co.), Navarre.  
 E. Duffy (Mermod & Jaccard Jewelry Co.).  
 C. Loeffel, Continental.  
 G. Loeffel, Continental.  
 I. Loeffel, Continental.  
 W. Loeffel, Continental.  
 SYRACUSE, N. Y., W. B. Hislop, Albert.  
 Miss A. M. Smith (E. W. Edwards & Son), Victoria.  
 TOLEDO, O., W. Angrove (Lion D. G. Co.), Herald Square.  
 J. B. Clinton (W. L. Milner & Co.), Herald Square.  
 J. Thompson (W. L. Milner & Co.), Herald Square.  
 TOPEKA, KAN., J. G. Hoyden, Holland.  
 TROY, N. Y., C. B. Alexander, Manhattan.  
 UTICA, N. Y., F. Morach (J. B. Wells, Son & Co.), Albert.  
 WASHINGTON, D. C., Adolph Kahn.  
 WHEELING, W. VA., C. N. Hancher, Marlboro.

**Importations at the Port of New York.**

*Weeks Ended Sept. 7, 1901, and Sept. 5, 1902.*

	1901.	1902.
<b>China, Glass and Earthen Ware:</b>		
China .....	\$131,295	\$104,169
Earthen ware .....	16,062	13,507
Glass ware .....	43,644	24,399
Optical glass .....	3,181	203
<b>Instruments:</b>		
Musical .....	6,830	15,707
Optical .....	10,492	10,214
Philosophical .....	1,949	9,885
<b>Jewelry, etc.:</b>		
Jewelry .....	24,479	11,851
Precious stones .....	218,871	287,805
Watches .....	29,284	23,448
<b>Metals, etc.:</b>		
Bronzes .....	4,361	11,457
Cutlery .....	22,631	23,540
Dutch metal .....	826	3,749
Platina .....	31,828	24,592
Plated ware .....	210	.....
Silverware .....	2,118	57,115
<b>Miscellaneous:</b>		
Alabaster ornaments .....	2,901	136
Amber .....	5	2,259
Beads .....	2,183	6,473
Clocks .....	9,719	7,784
Fans .....	5,519	2,817
Fancy goods .....	5,747	5,791
Ivory .....	95,387	31,189
Ivory, manufactures of .....	1,010	2,481
Marble, manufactures of .....	30,019	39,292
Statuary .....	6,816	2,579

Erastus W. Clark, Tallahassee, Fla., whose establishment narrowly escaped being totally destroyed by fire last week, has begun the work of repairing and remodeling his store. An entirely new glass front will be put in.

**URGENT CALLS!**

We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.

**CROSS & BEGUELIN**  
17 MAIDEN LANE

**CROSS & BEGUELIN**

*Importers and Cutters of Diamonds and Precious Stones*

@ Rue de Meslay, PARIS

Telephone,  
2183 Cortlandt

17 Maiden Lane, NEW YORK



**New York Notes.**

The *New York Commercial* of Sept. 1, contained a brief biography of Ludwig Nissen, the senior partner of Ludwig Nissen & Co.

A. G. Fretwell, Lexington Ave. and 125th St., will shortly open a branch watch and clock making repair store at Main and Scofield Aves., Westchester.

The International Silver Co. has declared a quarterly dividend of one per cent. on its preferred stock, payable Oct. 1. Books for the preferred stock close Sept. 16 and reopen Oct. 2.

The Metcalf Co., of New York, to manufacture objects of art, was incorporated at Albany, Friday, with a capital of \$50,000. The directors are: J. A. Metcalf and R. B. MacPherson, of New York City, and R. M. Biddell, of Montclair, N. J.

The E. N. Welch Mfg. Co., of Forestville, Conn., opened a New York office Sept. 1, in the Lorsch Building, 37-39 Maiden Lane. Charles H. Osborne, recently a partner in the Welch & Osborne Co., now out of business, will have charge of the office.

J. & P. Stern, silversmiths and jewelers, at 609 Broadway, were slightly inconvenienced by the fire which started on the fourth floor of the Young Building, 605-609 Broadway, Labor Day. The silversmiths occupied the fifth floor. The flames were extinguished before they had done much damage.

Tosky & Kunke, manufacturers and designers of jewelry at 73 Nassau St., have dissolved partnership by mutual consent. The business will henceforth be carried on by L. Tosky, who has assumed the liabilities of the old concern. S. Kunke, the former partner, will open a jewelry store on Eldridge St.

The Parisian novelty store of Miss K. McCranes, 927 Broadway, was robbed again last week for the third time in less than a

month. The work was done at night each time. The windows of the place were broken and the sidewalk littered with glass and empty trays. About \$700 worth of jewelry was taken.

Among the recent jewelry gifts presented by Prince Henry to Americans, should be mentioned the handsome diamond and enameled stick-pin received last week by Postmaster Cornelius Van Cott. The pin is in the form of an oval, enameled and set with diamonds, and is surrounded by a diamond-studded crown.

It is reported that the New York Standard Watch Co., whose works are on Woodward St., Jersey City, has purchased from Patrick Meehan for \$7,600 the building at Woodward St. and Communipaw Ave., and will use it for office purposes. It is stated the watch company is negotiating for the purchase of the three three-story brick structures adjoining its newly acquired property.

Harry A. Maloney, of Bensonhurst, and Elias Ackerman, of Brooklyn, were arraigned as suspicious persons before Magistrate Pool, Sunday. The men were arrested in a Bowery pawnshop Saturday, while trying to dispose of diamond earrings. The detectives say that Maloney forged the name of his mother, Mrs. J. Scott Maloney, to an order on a jeweler, thus obtaining the earrings, which are worth \$125.

Charles Hemstreet, the historical writer, was presented, last week, by Postmaster Cornelius Van Cott, in behalf of the New York Historical Research Society, with a handsome gold watch. The watch is a marvel of unique workmanship, and was especially made for the society. It bears on the case an engraved fac-simile of Mr. Hemstreet's favorite book, "Nooks and Corners of Old New York." It was made by Joseph M. Parker, Jr., 116 S. 12th St., Philadelphia.

At a meeting of the New York Watch-

makers' Society, held last week at 192 Third Ave., Otto H. Boysen was elected a member, and the nominating committee reported in favor of the following officers for the coming year: R. Salomon, vice-president; J. Friedrich and F. Michel, financial secretaries; F. Ruoff, trustee, and F. Alt, librarian. It was also voted to hold a family picnic and excursion at Blumenthal's Schuetzen Park, Williamsburg.

The Pinkerton's National Detective Agency is sending out offers of a reward for information leading to the recovery of a number of watch cases stolen from a jewelry salesman at Paterson, N. J., Wednesday, Aug. 13, 1902. The description of the cases is as follows: Fourteen Osage ladies' engraved hunting cases, Dubois make, numbered 130074, 102243, 130059, 86023, 101010, 86029, 200038, 113063, 108431, 121511, 99737, 89557, 77916, 81281; Roy Watch Case make, numbered 294112, 304480, 297000 and 285544; Brooklyn Watch Case make, numbered 6081504 and 6081562.

Roger Williams, a boy recently employed by the Westcott Express Co., was arrested Labor Day on a technical charge of vagrancy, but his detention was virtually because of suspicion that he had stolen a number of scarf pins from a valise on one of the wagons of the company. When arrested, Williams was trying to dispose of the pins to a jeweler on upper Eighth Ave. The pins were very valuable, and the jeweler, suspecting that they had been stolen, called a detective. Williams said after his arrest he had found the pins under a bench in Riverside Park. William Beattie, who was with Williams and who was arrested as a witness, declares that Williams took the pins from a valise on the express company's wagon.

Thomas E. Hardman, a jewelry salesman, was arrested Sunday in Boston by Detective Charlton, of the Central Office, charged with grand larceny. He was ar-

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36 Murray Street, New York.**

## The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

**J. B. BOWDEN & CO.,**

**1 Maiden Lane.**

**NEW YORK.**



rested on a warrant issued by Magistrate Cornell on the complaint of Leo Cohen, a jeweler, at 119 E. 110th St., who charged that on July 2 of this year Hardman obtained from him a diamond worth \$600 on memorandum and then disappeared.

Judge Bischoff, of the Supreme Court, Monday, appointed Frank B. Morgan receiver for the partnership property of James J. Dawson & Co., manufacturers of silverware, at 76 John St., pending a suit brought by Sarah J. Barker against James J. Dawson, her partner, for a dissolution of the partnership on account of disagreements between the partners. The bond of the receiver was fixed at \$10,000. The firm began business on May 20, 1901.

The Pinkerton's National Detective Agency, which has undertaken the task of running down the thieves, who on Aug. 19 robbed the store of A. A. Webster & Co., 440 Fulton St., Brooklyn, of \$3,600 worth of diamond rings, have sent out a circular containing a minute description of the men and the property taken, and offering a reward for information that will lead to the

arrest of the thieves. There are two men who are implicated. One is about five feet nine or ten inches tall, slender, smooth shaven, dark blue eyes, medium colored hair, is 26 or 27 years old and weighs about 145 pounds; the other is about 27 years old and is almost the same build.

### Trans-Atlantic Voyagers.

#### TO EUROPE.

F. F. Sturdy, of J. F. Sturdy's Sons, Attleboro, Mass., sailed, yesterday, on the *Kaiser Wilhelm der Grosse*.

#### FROM EUROPE.

Thomas Kirkpatrick, New York, returned last week.

J. A. Deknatel, of J. A. Deknatel & Son, New York, arrived, last week, on the *Königin Luise*.

Louis Strasburger, of Louis Strasburger's Son & Co., New York, and Henry Untermeyer, of Untermeyer-Robbins Co., New York, arrived, Sept. 2, on the *Kaiser Wilhelm der Grosse*.

S. Swartchild, of Swartchild & Co., Chicago, accompanied by his wife and family, arrived, Friday, on the *Auguste Victoria*.

F. P. Abbott, of Haviland & Abbott, New York, accompanied by his wife and family, returned, Saturday, on the *Campania*.

### Fight Over Extradition of Louis Cohen.

MONTREAL, Sept. 8.—Louis Cohen, the East Side jewelry peddler, who absconded from New York, last week, with \$10,000 worth of diamonds belonging to different jewelry firms on the East Side, and who was subsequently arrested in Montreal, was before Judge Mathieu, on Thursday, on a petition of his counsel asking for his release from custody.

Cohen's attorney argued that as Cohen had not been arrested on a regular extradition warrant he could not be held by the Canadian courts. The Government produced a warrant held by the Extradition Commissioner, dated August 28, the next day after Cohen had been arrested. The attorneys for Cohen then argued that their client could not be held on this warrant, as he had not been arrested on it. The Government then claimed that whatever the irregularities in Cohen's arrest that had preceded the issue of the regular extradition warrant, they had nothing to do with the case as it stood at the present time, since the prisoner was now regularly held.

The case was then adjourned.

### Jewelers' Gold Bars Withdrawn and Exchanged.

Week Ended Sept. 6, 1902.

The U. S. Assay Office report:  
Gold bars exchanged for gold coin. .... \$225,403.78  
Gold bars paid depositors. .... 34,137.40

Total ..... \$259,541.18  
Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:  
Sept. 2 ..... \$51,621.13  
" 3 ..... 38,749.27  
" 4 ..... 81,758.40  
" 5 ..... 36,457.78  
" 6 ..... 16,817.20  
Total ..... \$225,403.78

# SEVENTH CAPITAL, \$1,700,000.

## NATIONAL BANK,

## NEW YORK CITY.

EDWIN GOULD, PRESIDENT.

EDWARD R. THOMAS, { VICE-PRESIDENTS.  
WM. H. TAYLOR, {  
GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR., VICE-PRESIDENT AND CASHIER.  
SULLIVAN & CROMWELL, GEN. COUNSEL.

#### ACCOUNTS INVITED.

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

#### DIRECTORS:

Edwin Gould, Wm. H. Taylor,  
Edward R. Thomas, Crawford Fairbanks,  
W. Nelson Cromwell, R. W. Jones, Jr.,  
Chas. E. Levy, Hugh Kelly,  
Alex. McDonald, Wm. F. Carlton,  
Samuel Thomas, Erskine Hewitt.

# The Mercantile National Bank

OF THE CITY OF NEW YORK,  
BROADWAY AND DEY STREET,  
Solicits Accounts from the Jewelry Trade.

## THE CHATHAM NATIONAL BANK, NEW YORK.

H. P. DOREMUS, Cashier.

GEO. M. HARD, President.

W. H. STRAWN, Asst Cashier.

376-378 GRAND ST.,

# The State Bank

NEW YORK.

SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable rest on security.

O. L. RICHARD, President.

ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



# BUSINESS GETTING

Business getting is made easier when the goods offered are known to be representative.

Business that lasts must be built upon a foundation of confidence and assured value.

These are commonplaces of every-day trade. That is why we refer to them here.

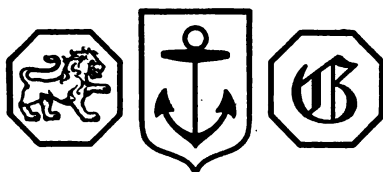
It is a commonplace fact that the GORHAM TRADE-MARK is an accepted warrant the world over that the goods bearing it are precisely as represented.

The buyer of GORHAM goods needs no other guaranty.

The JEWELRY TRADE has a monopoly in our goods. They are not to be had of Dry Goods and Department Stores.

TRADE-MARK

GRAND PRIX  
PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

STERLING

## GORHAM MFG. CO., Silversmiths

Broadway and Nineteenth Street, New York

BRANCHES: NEW YORK: 21-23 Maiden Lane; CHICAGO: 131-137 Wabash Avenue

SAN FRANCISCO: 118-120 Sutter Street

WORKS: Providence and New York



### News Gleanings.

Mallory & Hollenbeck, Catskill, N. Y., have removed to 428 Main St.

Ed. P. Gainor recently installed a new safe in his store at Troy, N. Y.

H. U. Rogers, Waseca, Minn., has returned from a buying trip to Chicago, Ill.

E. R. Smisor has sold out his jewelry business in Wakita, Okla., to Roy & Six.

The dissolution is reported of the jewelry firm of Stanton & Due, O'Neill, Neb.

The John Krank Jewelry Co. has succeeded Marks & Krank, at Schenectady, N. Y.

L. Ephrain, who has a jewelry store in Nogales, Ariz., has sustained a \$200 burglary loss.

Andreas & Son, Green Bay, Wis., will shortly erect a new store adjoining their building.

E. W. Rogers, formerly of Timpson, Tex., has just opened a jewelry store at Frankstone, Tex.

An old established jewelry store is being advertised for sale at 811 Poydras St., New Orleans, La.

W. E. Niedeck, Ithaca, N. Y., has moved his jewelry stock from 305 E. State St. to 115 No. Aurora St.

Chas. W. Mills has given a bill of sale for \$500 to his stock of jewelry in Adrian, Mo., to G. A. Bawson.

Edmund Spencer, Hudson, N. Y., was recently elected treasurer of the Royal Arcanum Council in that city.

Ferdinand Schroeder, Amsterdam, N.

Y., has been confined to his house by illness for the past six months.

John A. Anundson, Sheffield, Pa., has moved into commodious quarters in the block adjoining the post office.

H. A. Miller, Marysville, Wash., lost by fire last week stock valued at \$2,000, which is covered by only \$250 insurance.

Samuel Kaufman, Chatham, N. Y., recently had a handsome new deep show case added to his store equipment.

Chas. P. Carter, Kingston, N. Y., has just invented a machine that will make a perfect duplicate of a key in a few seconds.

Liebenstein & Co., Clarksville, Mo., have retired from the jewelry business and opened a dry goods establishment.

J. M. Hawley has decided to move his jewelry business from Edwardsville, Ill., to Greenville, some time during this month.

J. J. Birkebak, formerly of Lester Prairie, Minn., is now in business at Worthington, Minn., in the firm of Birkebak & Co.

The Parritt Jewelry Co.'s establishment, Bloomington, Ill., is reported among the business houses destroyed by fire at that place.

Otto Borreson, Hancock, Mich., has returned with his wife from a two weeks' vacation, spent on the shores of Lake Superior.

Andrew W. Carten, watchmaker and jeweler, Calais, Me., has opened a branch at Milltown, Me., in the store of T. W. Butler.

Ed. J. George has sold his jewelry business at Fairfield, Ia., to J. E. McLean,

who recently took a course in optics in Chicago.

C. F. Graff has closed out his jewelry business at Burlington, Wis., and hereafter will devote his entire attention to his Elkhorn store.

Loar Bros., Grafton, W. Va., recently furnished a brass band that contributed to the merriment of several thousand people in that city.

Geo. H. Wood, Lowell, Mass., recently advertised his thirtieth annual clearance sale, which will last 30 or 60 days, as the case may require.

Ankeny & Erisman, Lafayette, Ind., have dissolved partnership, and Chas. Q. Erisman has assumed absolute control of the Kachlein & Rising Co.

A. R. Vanderbilt, Amsterdam, N. Y., is reorganizing his business into a stock company, to be hereafter known as the A. R. Vanderbilt Co.

J. T. Webster's jewelry establishment at Wilmington, N. C., was recently entered by a thief, who secured \$10.00 in cash and \$70.00 worth of jewelry.

The establishment of S. Berkovitz, at 316 Northern Ave., Pueblo, Col., was entered by burglars a short time ago, who secured about \$50 worth of jewelry.

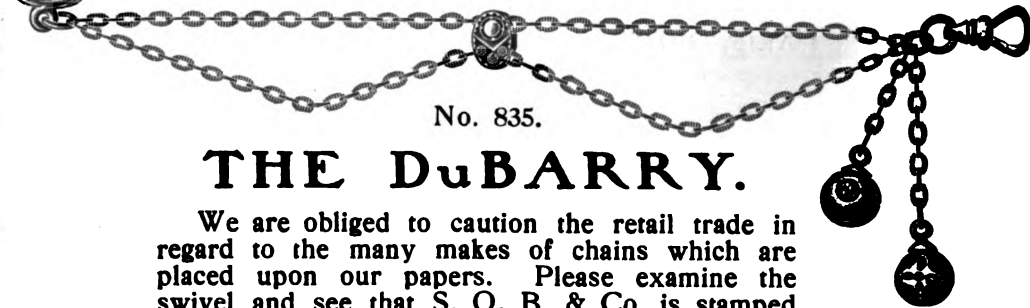
Fred. L. Gaines, Greenfield, Mass., has been elected secretary of the Goodell Mfg. Co., a corporation recently organized for the manufacture of hardware specialties.

The police of Belvidere, Allegany Co., N. Y., are looking for a young man and a young woman who are wanted in Olean, N. Y., for looting a jewelry store and forging



**T**HE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

**S. O. BIGNEY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.



check. A reward is offered for their capture.

Martin F. Hagan, Fargo, N. D., has gone to New York and other jewelry centers to purchase Fall supplies.

C. F. Rich has purchased the entire stock of jewelry, china and cut glass of B. F. Wales, Middlebury, Vt. The latter will devote his entire time to optical and jewelry work.

J. H. Bechtold and Wm. H. Fritz, of Duluth, Minn., recently purchased interests in the Keating Jewelry Co., Sioux Falls, So. Dakota. Mr. Fritz is an expert optician.

It is reported that the wife of Wm. H. Fitzsimmons, of Fitzsimmons & Fisher, Fostoria, O., is at the point of death, owing to injuries received in a fall down a stairway.

Elmer Stillman, son of Otto O. Stillman, New Brunswick, N. J., died recently of heart disease, aged 19 years. Numerous friends condole with Mr. Stillman in his bereavement.

It is reported that two brothers who have been conducting separate stores at West Liberty and Lonetree, O., have leased quarters in Muscatine, Ia., where they will form a partnership.

Bishop & Roberts, Murray, Ia., are erecting a two-story brick building alongside the Odd Fellows' Temple, adjoining it on the south. Their jewelry stock will be considerably enlarged.

Marvin & Cassler, Canastota, N. Y., have commenced the erection of a building 30 ft. square, to be used for their silver plating plant. It is said the firm will employ about 50 men.

Collier & Smith, Livingston, Tex., are included among the victims of a large fire, which recently occurred at that place. The total loss to the business section of the city is estimated at \$126,100.

The police of Marysville, O., are looking for H. E. Smith, of the music firm of Knoske & Smith, who recently disappeared with a \$540 diamond ring, the property of a prominent jeweler of that place.

Jos. Hill's jewelry store at Millington, Tenn., was recently broken into by burglars, who made off with several pairs of spectacles. Entrance was effected by cutting away the putty in a rear window.

Mr. Peterson, Honesdale, N. Y., has on exhibition in his jewelry display window a bronze vase given to Lieut. Ray Hardenburgh by Aguinaldo's mother, while the Lieutenant was serving in the Philippines.

An effort has been made among some of the Plainfield, N. J., jewelers to continue the plan of closing their stores at 6.30 P. M. Several merchants prefer to keep open later, and the plan will not be effected.

H. A. Johnson & Frank McCray, Monmouth, Ill., recently consolidated interests by forming a partnership. Mr. McCray will have charge of the jewelry repairing works and Mr. Johnson will attend to the optical department.

A. Davidson, Washington, N. J., has purchased from the J. W. Fitts Estate the frame business building at Nos. 5 and 7 E. Washington Ave. Mr. Davidson contemplates remodeling the building and fitting it up as a first-class jewelry establishment.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Krementz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

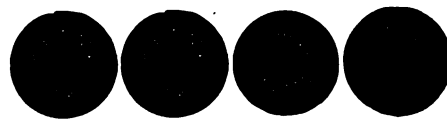
To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Krementz & Co., 40 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Krementz One-Piece Collar Buttons are stamped on follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Krementz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory;

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.



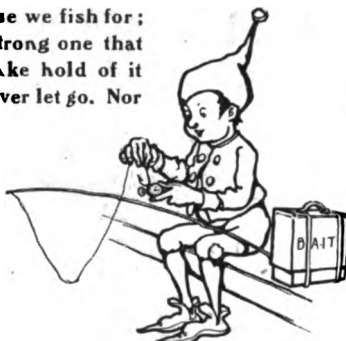


## FISHING.

No more pleasant occupation for us than to be fishing for customers. We are doing it right along with pretty good results, as the bait is fine, and if you bite once you will come back for more. Our line of 10k. gold jewelry, which is the line that catches most of those we fish for; is such a strong one that once you take hold of it you will never let go. Nor will we.

if we can help it; as we always try to hold on to any connections that we make, and usually succeed, having something of interest at all times to keep them in touch with us.

Come up when in the city and you will find our lines attractive enough to take hold of without any persuasion on our part.



### HENRY FREUND & BRO.,

DIAMONDS, WATCHES, JEWELRY, ELK GOODS.

Sellers a Specialty.

9 MAIDEN LANE, N. Y.



### NEW PHOTO SOUVENIR Match Safe.

A NOVELTY.  
A GREAT SELLER.

Pat. April 15, 1902.  
Cut  $\frac{1}{4}$  actual size.

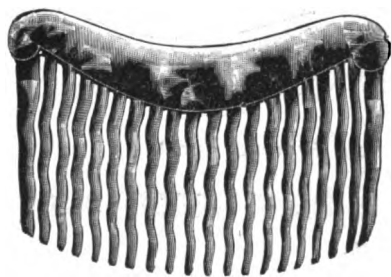
### S. BIREN,

48-50 Maiden Lane, New York.

A BUTTON miniature photo of any grade can be placed in and removed as desired by the purchaser. Made in sterling silver and sold as cheaply as any other sterling match safe.

The design and workmanship are up-to-date and present a very rich and elegant appearance. Prices and samples furnished on application.

## Pionoor Tortoise-Shell Houso.



High Grade Shell Combs for the Best Trade.

**BACK COMB, No. 5617,  
\$3.00 EACH.**

Highly finished, hand made. 25 per cent. cheaper than any comb its equal on the market.

### A. TRENMANN,

407 BROOME ST., NEW YORK.  
Established 1857.

## "THE BRACELET HOUSE." GOLD BRACELETS.

KENT & WOODLAND,  
Successors to Wm. H. Ball & Co.

16 John Street, New York.

EVERYTHING IN  
GOLD  
Bracelets

### John H. Collins Sells Out and Disappears.

Warrants are out for the arrest of John H. Collins, who formerly kept a jewelry store at 425 Fulton St., Brooklyn, and who was one of the administrators of the estate of the late D. M. Collins.

Collins conducted the administration of his late brother's estate in a way that aroused the suspicions of the deceased's widow. She asked him for an accounting, and Surrogate Church, who made an investigation, found that Collins had appropriated more than \$5,000 of the estate to his own use.

In a decision handed down by the Surrogate on July 24, Collins was very severely condemned for his administration of his brother's estate, and ordered to make a restitution of \$5,000 to the widow. Collins failed to settle with his brother's widow and Thursday afternoon hastily sold out his business to L. Friedman, an auctioneer, who took the stock to Manhattan and disposed of it at auction. An injunction had been obtained preventing both Collins and Friedman from selling this stock, but the goods had been sold before the injunction could be served, and Collins had disappeared.

The United States Guaranty Co., which was on Collins' bond for \$16,000, has detectives looking for him, and he will be brought back to Brooklyn as soon as he can be found to explain to Surrogate Church why he did not pay the \$5,000 to the widow.

### Death of Thos. J. Irwin.

ATHENS, Ala., Sept. 4.—Thomas J. Irwin, a leading business man of this place, died last night after a long illness.

Mr. Irwin was a prominent jeweler, and had a host of friends in this county. He stood high in the business world, and was a staunch churchman.

The deceased leaves a widow and married daughter to mourn his death. He was about 50 years of age.

### Utica, N. Y.

C. J. Wells has sold another high-bred horse, Dorothy Dodge, to J. F. Gibson of New York. She is five years old and has won three blue ribbons and has a record of 2.20.

The George E. Wheelhouse Co. has been awarded the contract for making gold badges for the Commercial Travelers' Association. The emblem is of a little smaller design than the present one and will be neater in appearance.

The case of W. S. Taylor vs. Desmond came up before Justice of the Peace Colegrove last week, but was again postponed until September 20. This is the action in which Mr. Taylor, the jeweler, is trying to replevin a diamond engagement ring from the Desmond couple.

The police of Denver, Col., are looking for Dr. H. Goodfriend, against whom several complaints are pending alleging fraudulent checks and the securing of goods under false pretenses. It is said he obtained a \$150 diamond ring from the Bohm-Bristol Diamond Co. under circumstances which made it necessary for a friend of his, a business man, to pay the bill.



# Cuts Fine Dies in $\frac{1}{3}$ the Time.

**Mechanical Die Cutting Machine  
for Manufacturing Jewelers,  
Silversmiths and Die Cutters.  
NEEDS NO EXPERIENCE.**

**It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.**

ON EXHIBITION AT

**DEITSCH BROS.,**

**14 East 17th Street,**

**NEW YORK.**



**Sit down and think it over—**

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

**THE BASSETT JEWELRY CO.,**

*Manufacturers of High-Grade Rolled Plate Chains,*

**FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.**

**NEW YORK OFFICE:**  
87 Maiden Lane.

**CHICAGO OFFICE:**  
Masonic Temple Vaults.

**SAN FRANCISCO OFFICE:**  
120 Sutter St.

**MINNEAPOLIS OFFICE:**  
1116 Lumber Exchange.





# Have you placed a sample order yet for the new model 6-size FORTUNA?

If not, why not?  
They sell at sight and give satisfaction to the most particular customers.



No. 300.—7 Jewels, Nickel Damasked, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.  
**"Practical Course in Adjusting."**  
Just Issued. Price \$2.50.  
All Jobbers or Jewelers' Circular Publishing Co

## New Stores and Enterprises.

(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes.")

J. W. House has opened a store at Goodwater, Ala.

M. M. Cook has just begun business at Wilton, N. D.

I. B. Blake has opened a store in Cashion, Okla.

F. J. Kellogg has just started in business at Kirkwood, Ill.

E. A. & F. W. Whatcom have started in business at Coulee, Wash.

J. D. McAmoil has engaged in the jewelry business in McLoud, Okla.

Mark T. Thomas has opened a jewelry store at 184 Bank St., Ottawa, Can.

Ernest Rugger has installed a new stock of jewelry in a store at Smith Center, Kan.

F. H. Seymour contemplates going into business at 330 E. 3d St., Jamestown, N. Y.

Stribling & Roseborough is the name of a new jewelry firm who have engaged in business in Sault Ste. Marie, Can.

F. B. McCartney, Gladwin, Mich., has rented the store at 905 West Main St., where he will open a jewelry store.

F. W. G. Bartlett, formerly in the employ of L. M. Barnes, North Adams, Mass., contemplates going into business for himself at Sayre, Pa.

Louis Commlassy, who for several years has been associated with M. Walcott, Toledo, O., has opened a retail jewelry store at 629 Madison St. in that city.

The Speaking Clock and Advertising Co., Pierre, S. D., has been incorporated, with a capital of \$500,000. The incorporators are: Albert E. Park, Louis L. Fest, James S. Sebree.

Walter E. Howe, formerly with R. C. Hardwick, Hopkinsville, Ky., will open a jewelry and watch repairing department in the quarters of Armistead's drug store recently vacated by The Postal Telegraph Co.

## Trade Gossip.

A novel cigar cutter is offered the trade by Edw. Todd & Co., 207 Fifth Ave., New York. It is of a piercer rather than a cutter, and bores a narrow hole into the cigar, which gives a perfect draft. The piercer is fitted with a patent lock, which prevents the blade from protruding while in the pocket, which is an important feature. The new piercer is made in silver and gold, both in plain and chased designs.

The new chafing-dish lamp, just placed on the market by S. Sternau & Co., 204 Church St., New York, is a great advancement in methylic spirit lamps. This lamp is self-regulating and also non-evaporating. The lamp will heat the usual quantity of water in the hot water pan of the chafing dish in three and a half minutes, while the ordinary lamps usually take from 10 to 15 minutes. The intense heat given by this lamp, it is claimed, will insure its adoption as the universal lamp for chafing dishes. There never has been a chafing-dish lamp that could be accurately regulated until the "Sterno-Inferno" lamp was placed on the market, this lamp being easily and readily regulated and extinguished. To get the best results with any chafing-dish lamp the new spirit, "Koholia," which is far superior to grain alcohol for burning purposes, should be used. It is the practice of some retailers to dilute alcohol with water, which does not materially affect it for external use, but is very disastrous for burning purposes, as the alcohol burns away and leaves the water in the lamp, and by continually refilling the same lamp there will shortly be nothing but water, and while this alcohol is mixed with water the heating properties are diminished. "Koholia" is sent out in sealed bottles by S. Sternau & Co., and cannot be tampered with, and should always be used for chafing dishes, 5 o'clock tea kettles, etc.

John Rosendahl is advertising for sale his jewelry stock in Winthrop, Minn.



## THE GENERAL SATISFACTION



which our goods are giving to all our many customers throughout the entire west and northwest is amply demonstrated by the increasing demand for G. W. goods. To meet this growing trade we have greatly enlarged our whole line this fall, and we feel confident no house will show a LARGER, CLEANER or more POPULAR LINE than our salesmen will on the road this fall.

Our ELKS' CHARMS are all original designs, heavy tops and fine selected teeth, from \$3.00 to \$150.00 each.

Diamond Jewelry,  
Cuff Links,  
Studs,

Rings,  
Brooches,  
Emblems,

Charms,  
Chatelaines,  
Bracelets,

Locketts,  
Lorgnettes,  
Diamond Mountings.

Fobs,  
Scarf Pins,

The well-known and popular G. W. 20-Year Filled Chains.

Our G. W. Leader Chains, at \$10.50 per doz., are the finest finished and best wearing chains in the world for the price.

**GEO. WETTSTEIN, Cedar Rapids, Iowa.**



**Philadelphia.**

S. Kind, of S. Kind & Son, returned from Europe last week.

S. R. Kampe has just returned from a successful western trip.

Wm. Todd, watchmaker, has resigned his position with Z. J. Pequignot.

Walter Sheppard, of Joseph M. Sheppard, is spending the week in New York.

George E. Fletcher, with L. P. White, is touring the New England States.

Harvey Houck, watchmaker, 711 Sansom St., is spending his vacation in Indiana Co., Pa.

J. A. Caldwell, senior member of J. E. Caldwell & Co., will return from Europe Sept. 18.

Frederick E. Sauer, an engraver, 60 years old, was married last week to Mrs. Victoria Husson.

Harry Toplis, watchmaker, 116 S. 8th St., has returned from a vacation trip to Mount Ephraim, N. J.

F. M. Latto, watchmaker, of Cleveland, O., has accepted a position with W. M. Bruner, 711 Sansom St.

S. Eisenberg, watchmaker for Charles Schwartz, 49 N. 8th St., has accepted a place with M. Sickles & Sons.

C. William Reisner, of the Lancaster house of L. C. Reisner & Co., visited the branch establishment here last week on business.

B. F. Loper, watchmaker for the trade, 1103 Chestnut St., will remove to more commodious quarters at 114 S. 11th St. next week.

E. C. Benyouard, manufacturing jeweler, who was so painfully sunburned at Atlantic City, several weeks ago, that he has since been under a physician's care, has been able to return to his office again.

A large trade excursion from western Pennsylvania and West Virginia passed through this city to various Jersey coast resorts last week. The excursionists, to the gratification of merchants, jobbers and manufacturers, availed themselves of a ten days' stop-over privilege. Excursions of this character are designed to strengthen the business relations between Philadelphia and inland cities and towns.

Col. John V. Furey, assistant quartermaster general of the U. S. army in charge of the headquarters at 15th and Arch Sts., has advertised for bids to be opened here Saturday, Sept. 20th, for the contract of supplying silver-plated ware, German silver knives and forks, china ware and glass ware to the army. Preference will be given to articles of domestic production. A guarantee of 10% of the value of the articles proposed for must accompany all proposals.

Charles Kranick, 466 Kensington Ave., caused the arrest, last week, of J. S. Urquhart of Moorestown, N. J. Mr. Kranick testified that Urquhart on Aug. 17 came to his store and selected \$290 worth of jewelry, leaving it to be engraved, and giving the jeweler a check for \$50. This check was returned by the bank as worthless. However Urquhart returned, and, learning of the dishonored check, offered another for \$290. This also was returned. The prisoner was held in \$800 bail by Magistrate Wagner.

There  
may  
be many  
good Studs  
on the mar-  
ket, there  
certainly are  
many bad ones,  
but there is only  
one BEST, only  
one at the top of the  
heap, and that is

**THE APEX**

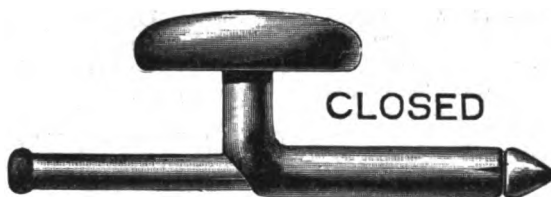
SIMPLE IN CONSTRUCTION,  
AUTOMATIC IN ACTION,  
ABSOLUTELY GUARANTEED,  
ADAPTED FOR USE IN  
EITHER BUTTON OR EYELET  
HOLE.

*The Most Perfect  
Shirt Stud.*

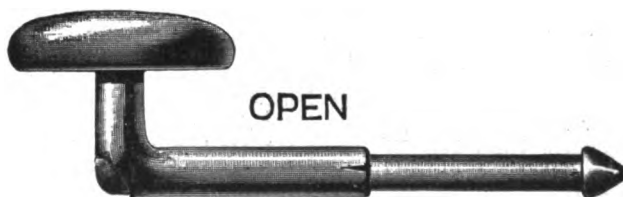
IT WORKS  
WITHOUT A SPRING.

IT SELLS  
WITHOUT EFFORT.

IT IS  
WITHOUT A RIVAL.



PATENTED MAY 21, 1901



PATENTED MAY 21 1901

FOR SALE BY ALL JOBBERS.

SOLE MANUFACTURERS IN 10K AND 14K. GOLD.

**CHAS. KELLER & CO.**

192 Broadway, New York.





VOL. XLV.

CHICAGO, WEDNESDAY, SEPT. 10, 1902.

No. 6.

### Chicago Notes.

A. Hahn, Durango, Col., spent the past week in this city.

M. A. Mead left last week for a trip through the west.

Byron L. Strasburger, New York, visited the trade here last week.

Mrs. R. B. Stinger, Chicago, O., was a visitor to the trade last week.

Mr. Thorpe, of Thorpe & Hoberg, Sioux City, Ia., was a buyer here last week.

"Al" Sproehle, of Sproehle & Co., left last week for a trip through the north.

L. Seligman, of the L. Seligman Jewelry Co., has returned from a western trip.

Mr. Davis, of Watson & Davis, Bronson, Mich., was a visitor to the trade last week.

Sigmund Stern, of Stern Brothers & Co., was at the Chicago office of the concern last week.

Samuel Swartchild, of Swartchild & Co., returned, Monday, from an extensive trip abroad.

W. S. Sparrow, western manager for Stern Brothers & Co., left, Sunday, for the west.

Joseph Linz, of Joseph Linz & Bro., Dallas, Tex., was a caller on the trade last week.

Mr. Cily, buyer for H. A. Johnson & Co., Sioux Rapids, Ia., visited Chicago last week.

Neumann, Kraus & Co. have moved from the Columbus building to the Cosmopolitan building.

Mr. Hoerr, of Martin & Hoerr, Mankato, Minn., was looking up his friends in this city last week.

D. F. Conover, with Robbins & Appleton, is spending a vacation visiting points of interest in the east.

F. S. Stein, of the Stein & Ellbogen Co., has been confined to his home for a couple of weeks by illness.

Henry E. Volkman, Kankakee, Ill., has returned from his European trip and was in Chicago last week.

Miss Ray Spencer, of John Spencer & daughter, Edgerton, Wis., called on the trade here last week.

W. W. Newberry, western representative for the United States Watch Co., has returned from the south.

Louis Manheimer, of Louis Manheimer & Bros., has returned from his extensive outing at Atlantic City, N. J.

Philip Jacoby, Kalispell, Mont., stopped over last week on his way to Philadelphia and other points in the east.

Herbert Crompton, with F. C. Happel & Co., has an addition to his family in the shape of a bouncing baby boy.

James Burke, manager for the Brooks Optical Co., St. Louis, Mo., has returned after a week's visit to this city.

Ora Grant, with the Towle Mfg. Co., was called to Ligonier, Ind., last week, through the sudden death of his brother.

Mr. Campbell, of Campbell & Co., South Chicago, accompanied by his wife, is on a pleasure trip through the east.

L. H. Miller, formerly watchmaker for the trade, has accepted a position with Alsted-Kaston Co., Milwaukee, Wis.

Harry Allen, buyer for the L. Bauman Jewelry Co., of St. Louis, Mo., paid a visit to the Chicago trade last week.

Charles Bunker, formerly with the F. E. Morse Co., is now representing Whiting & Davis, with an office at 805 Columbus building.

M. Arnold, of William Arnold, Ann Arbor, Mich., stopped over on his way home from a visit to Salt Lake City, during the past week.

Frank Lawton, western representative for Untermeyer, Robbins Co., is ill at the Chicago Hospital, with a mild attack of typhoid fever.

Charles Lester, western manager for the New England Watch Co., returned this week from a brief visit to the factory of the company.

H. D. Dunning, Fremont, Neb., stopped over to visit the Chicago trade on his return from Boston, where he attended the optical convention.

J. H. Leyson, Butte, Mont., who was suddenly called to Waltham, Mass., on account of the death of his mother, stopped over here while en route home.

Dorothy Carr, daughter of "Budd" Carr, material man for Lapp & Flershem, was married to Charles Lewis Young, at Benton Harbor, Mich., Sept. 2.

R. N. Lee, formerly of Baker & Lee, Austin, Ill., has notified his Chicago friends that he has opened a store at Athens, Mich., under the firm name of R. N. Lee & Co.

C. P. Dungan, representing the Meriden Britannia Co. and the Forbes Silver Co., branches of the International Silver Co., is spending a vacation in northern Wisconsin.

Fred Allen, western representative of D. Wilcox & Co., and Mr. Sheridan, western representative of Arnold & Steere, returned, the latter part of last week, from a brief trip to St. Louis, Mo.

Mrs. Rose Moore has brought a suit for

divorce against her husband, Geo. B. Moore, who, she states, was formerly a jeweler on West Madison St., but whose whereabouts she does not know. The couple were married in October, 1899, and have two children.

Miss Ray Bowman, formerly manager for Ferguson & Craig, Champaign, Ill., has bought the stock formerly owned by that firm and will continue the business at the old stand. Miss Bowman was in town last week placing orders. She has been connected with the jewelry business at Champaign, Ill., for 20 years.

The first meeting of the creditors of the Francis Jewelry Mfg. Co., which was adjudicated a bankrupt July 23, will be held at the office of Frank L. Wean, referee in bankruptcy, room 637, Monadnock Block, Tuesday next, at 10 A. M. The creditors will then prove their claims, and a trustee for the bankrupt company will be elected.

C. J. Wiltzie, who claimed to be the head of the jewelry department of a wholesale house, was in Justice Hall's court, last week, as complainant against Benjamin Swisky, who was charged with stealing a \$300 gold watch. The watch belonged to J. V. Farwell and had been left in Mr. Wiltzie's department to be repaired. The boy admitted taking the watch from the counter and pawning it for \$25. It was recovered.

About 37 rings and other pieces of jewelry, which were in the custody of the police, have mysteriously disappeared, and it is believed by Chief O'Neill that they will never be recovered. The rings were taken from Jas. Watson, a jeweler, March 14, 1898, after Watson had been found wandering in the street and was locked up to have his sanity inquired into. Watson was given a receipt for the jewels and later sent to an asylum, where he died. When an attempt was made to get the jewels to defray Watson's burial expenses, it was discovered that they had been stolen from the safe.

Buyers in town the past week not elsewhere mentioned were A. F. Pierce, Milford, Ill.; G. W. Flanders, Three Rivers, Mich.; C. B. Collins, Groton, S. D.; Lewis Finkelstein, St. Paul, Minn.; "Charlie" Hoefer, Kansas City, Mo.; P. J. Koke, Saginaw, Mich.; J. W. Neasham, Ottumwa, Ia.; Will Fleckenstein, Sioux City, Ia.; E. Munson, Mendota, Ill.; A. Burbank, Rochelle, Ill.; Geo. O. Warren, Sycamore, Ill.; Alfred Sox, Milwaukee, Wis.; W. M. Axe, Capron, Ill.; J. W. Schafer, Idaville, Ind.; J. Enteneuer, Havana, Ill.; A. L. Howard, Beloit, Wis.; N. H. Knowles, Humboldt, Ia.



WALLINGFORD, CONN.

Gentlemen: Yours of 18th, enclosing check \$645.85, received and same is placed to your credit. Yours very truly,  
R. WALLACE & SONS MFG. CO.

PEORIA, ILL.

Dear Sirs: Your favor of May 8, enclosing check for \$79, received to-day and placed to your credit for filings sent you. Thank you,  
CHAS. L. CRAWFORD & CO.

SCHALLER, IA.

Gents: Your cheque to hand this morning for old gold and silver quite satisfactory. Is just a few cents more than I calculated. Yours truly,  
JOHN HICKS.

UNION CITY, MICH.

Gentlemen: Draft for \$44.10 received. Your estimate is satisfactory. Yours truly,  
H. H. CHASE.

HARRISBURG, PA.

GOLDSMITH BROS., Chicago, Ill.:

Your express order for \$50.70 was received for the sweepings I sent you. Respectfully,  
JAMES MCCARROLL.

CEDAR FALLS, IA.

Gentlemen: Yours with enclosed check for \$18 at hand in satisfactory settlement for shipment of metal. Thanks for the same. Yours respectfully,  
H. L. CHASE & Co.  
Dic. H. L. C.—A. J.

## SATISFACTION AND CONFIDENCE.

That's what we have given to the writers of these testimonials. We can do the same for you. **Send us your Old Gold and Silver** and receive accurate valuations and prompt returns. If our valuation is unsatisfactory we return your consignment **Intact at Our Expense.**

*We send draft immediately upon receipt of shipments.*

## GOLDSMITH BROTHERS, SMELTERS, REFINERS AND ASSAYERS,

Office, 63 and 65 WASHINGTON STREET,  
Works, 58th and THROOP STREETS, CHICAGO, ILL.

COLUMBUS, NEB.

Gentlemen: I have received the check for the gold and silver I sent you and I am perfectly satisfied with it. When I get some more I will send it to you again. Yours truly,  
CARL FRAEMEL.

CHICAGO, ILL.

Sixteen dollars and eighty-five cents for waste refined accepted.  
JULIUS KING OPT. CO.

STERLING, ILL.

Gentlemen: I received draft for \$11.50 in payment for gold scraps sent you. Accept thanks for your promptness and fair dealing. Yours truly,  
J. D. DAVIS.

NASHVILLE, TENN.

Dear Sirs: Check received all O. K. Many thanks for your promptness. Respectfully,  
SOL. KLEIN.

BUFFALO, N. Y.

Gentlemen: Your check for \$78.93 for sweeps received, for which please accept our thanks. Yours truly,  
T. & E. DICKINSON & Co.

LITTLE ROCK, ARK.

Gentlemen: We beg to acknowledge receipt of your favor of the 27th ult, inclosing check for \$90.28 in payment of barrel sweeps sent you. Satisfactory. Yours very truly,  
ALBERT PFEIFER.



# GREAT



**Our 700-page  
Catalogue sent  
upon application.**

## SWARTCHILD & CO.,

Established  
1870.

The Silversmiths' Building, 131-137 Wabash Ave., CHICAGO, U.S.

OFFICE OF  
**W. J. ROBERTS,**  
DEALER IN  
WATCHES,  
DIAMONDS,  
AND  
FINE JEWELRY.



CLOCKS, SILVER-  
WARE, ETC.

PROMPT AND CAREFUL AT-  
TENTION GIVEN TO RE-  
PAIRING OF WATCHES.  
CLOCKS, JEWELRY, ETC.

ISHPEMING, MICH.

8/24 1902

Swartchild & Co.

Chicago

Ill

Gentle

Eurema is the very best soldering solution  
that has ever come under my observation  
I do the same work with Eurema as I do the time it used  
to take me by the old methods, would not be without  
at 5¢ a bottle easy, quick, clean, working perfectly.

Yours truly  
W. J. Roberts

Somerset, Pa.

July 21

To Messrs Swartchild & Co.

Chicago Ill

Gentlemen:-

We are in receipt of goods and  
everything very satisfactory as ordered  
The "Eurema" is just fine, and does its  
"duty" perfectly. The Balance Staffs fit fine  
and think we could not get better ones  
for the price. They are worth the money  
we have given them.

Respectfully  
Yours  
H. B. Roberts

Watchmakers' and Jewellers'

Supply House.



# RESULTS



Swartchild & Co.,  
Gentlemen Chicago.

Your solution "Eureka" for Hard soldering,  
works like a charm - the more we use it  
the better we like it.

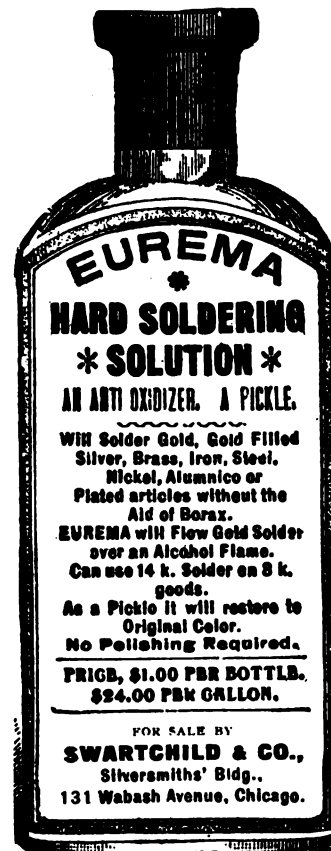
Yours truly  
H. H. H. H.

Hancock, Mich., Aug 30 1902



Swartchild & Co.,  
Chicago, Ill.  
Gentlemen,  
In regard to "Eureka" I  
wish to say - It is "the best ever".  
In my 26 years experience at  
soldering I have never run across  
anything that can even touch  
Eureka. It is so far superior to  
so called solutions, for easy  
soldering and nice clean work  
it is nothing like it. I have often  
wondered how I ever got along  
without it, it is for soldering those  
vade spectacles, etc. it can  
not be beat and for other goods  
it is simply immense.  
You can count on me any  
time for saying a good word for  
Eureka. As I will always use it

Yours truly  
Otto Borresen



Our 700-page  
Catalogue sent  
upon application.

## SWARTCHILD & CO.,

Watchmakers' and Jewelers'  
Supply House,

131 to 137 Wabash Avenue, Silversmiths' Building, CHICAGO, ILL.

Established 1870.



**JOBGING STONES. LAPIDARY WORK.**  
**SAPPHIRES. DOUBLETS.**  
 WE BUY AND SELL  
**PEARLS**  
**HERMANN & CO.,**  
 MASONIC TEMPLE, CHICAGO.  
**PRECIOUS AND IMITATION STONES.**

**FREDERICK J. ESSIG,**  
**LAPIDIST,**  
 Importer and Cutter of  
**Precious Stones.**  
 No. 309—131-137 Wabash Ave., Chicago.  
 Eastern Branch, 51 Malden Lane, New York.  
**BEST PRICES PAID FOR PEARLS.**

**F. C. KLEIN. EMIL KLEIN.**  
**F. C. KLEIN & BRO.,**  
 126 State St., CHICAGO.  
**Steam**  
**Lapidary.**  
**DIAMOND CUTTING.**  
 Miniature Glasses Cut.  
 Importers of Precious & Jobbing Stones



**A. Courvoisier & Co.**  
 Manufacturing Jewelers  
 and Diamond Setters,  
 SPECIAL ORDER AND JOB WORK  
 A SPECIALTY.  
 80 E. Madison St., Chicago.

**AUGUST RASSWEILER,**  
**Diamond Cutting and Polishing**  
**and Lapidary Work,**  
 STONE SEAL ENGRAVING.  
 Importer of Precious and Jobbing Stones.  
 1618 MASONIC TEMPLE, CHICAGO.



Diamonds, Special Bargains on Approval. 1 Carat,  
 \$50.00. Recutting. Fine Mountings. Try us.  
 80 Madison St., Chicago.



**An Economical Luxury.**  
 CHEAPEST IN EXPENSE, MOST SATIS-  
 FACTORY. SEARCH-LIGHT VAPOR LAMPS  
 FOR ANY USE. ARE RIVALLED ONLY BY  
 SUN LIGHT.  
 Search-Light Mfg. Co., 182 Division St., Chicago

## St. Louis.

### TRADE CONDITIONS.

Business with the wholesale jewelers has been very good the past week, and is keeping pace with the dry goods business, which has been better this week than for a long time. This is saying a good deal considering the fact that things have been lively for several weeks. It is estimated that it is at least 25 per cent. ahead of last year. The retail trade among the jewelers has also been excellent, and there is "something doing" every day.

Mr. Massa, of the Bauman-Massa Jewelry Co., has just returned from a two weeks' business trip to Chicago.

Bahlman, Jacobs & Brown, who have just gone into the jewelry business in East St. Louis, held their opening Sept. 6.

Edmund Morgan, an alleged "substitution" thief, was recently fined \$20 for peddling in this city without a license.

C. W. Schmieding, engaged in the jewelry business here, and living at 2907 S. Jefferson Ave., was married to Miss Minnie Stebler at her home in Fort Smith Sept. 5. There was an elaborate home wedding.

Al. Friede, of the Eisenstadt Mfg. Co., has returned from an extended business trip through the south and southwest. He says business is very good and that he expects a very large trade between now and the holidays.

Ignatz Kronfeld, a diamond setter, aged 27, is an inmate of the City Hospital observation ward, suffering from neurasthenia. He was recently released from the Jewish Hospital, but a return of his ailment necessitated his lodgment in a cell because of his violence at home.

The Alton, Ill., police think that the burglars who robbed the R. Z. Nolan jewelry store in Alton two weeks ago took the booty to St. Louis and sold it there. The Chief of Police of Alton received a letter from the Chief of Police of St. Louis last week stating that one watch, stolen from the R. Z. Nolan place, had been found in a St. Louis pawn shop, and it was thought that many more of the missing watches would be found within a few days.

The following buyers from out of town have been in the city getting goods for their Fall trade: Wm. Westphal, St. Charles, Mo.; C. E. Turner, Mineral Wells, Texas; H. G. Kneek, Evansville, Ill.; M.

Peel, Rutherford, Tenn.; A. L. Jones, Leno, Texas; R. Z. Nolan, Alton, Ill.; C. H. Gieseke, Trenton, Ill.; Mr. Kirkpatrick, of the Model Drug & Jewelry Co., Oklahoma City, Okla.; Otto Rink, Carlyle, Ill.; H. W. Foerste, Okawville, Ill.; Mr. Hart, of Hart & Parker, Shreveport, La.; G. A. Pfeaffle, Greenville, Tenn.; Mr. Lowe, of Lowe & Youngblood, Monroe, La.; F. Simon, Collinsville, Ill., and Jos. L. Wolff, Paducah, Ky.

## Kansas City.

### TRADE CONDITIONS.

In central Kansas severe storms of wind and rain have blown down a good deal of corn. These rains have also injured the quality of the corn to a slight extent, the grains have been "scalded" and a sort of "second growth" has taken place. The severe rains have only affected the low-lands and have kept up the pastures, and a large crop of hay is assured. The manufacturing jewelry trade is very large, all that the factories can handle, as they are unable to procure sufficient help.

J. C. Gilbert, of the Jaccard Jewelry Co., has gone on his vacation.

W. J. Gurney, of Gurney & Ware, has returned with his family from Los Angeles, Cal.

Thos. Ware, of Gurney & Ware, will leave to-morrow for the east on his vacation.

E. L. Chamberlain, of the jewelry department of the Emery-Bird-Thayer Dry Goods Co., has just returned from his Fall buying trip to New York.

The following out of town merchants visited Kansas City last week: C. B. Libby, Weir City, Kan.; Emile Bourquin, Horton, Kan.; S. J. Huey, Excelsior Springs, Mo.; J. H. Searfoss, Smithville, Mo.; A. B. MacDonald, Chillicothe, Mo.; C. A. Clement, Springfield, Mo.; J. M. Phillips, Chanute, Kan.; J. T. Morrison, Williamsburg, Kan.; Mr. Gardner, of the Killiam Jewelry Co., Pittsburg, Kan.; W. S. Simmons, Massena, Ia.; S. Jacobs, Winterset, Ia.; Chas. Blattner, Junction City, Kan.; Walter Stucke, Junction City, Kan.; F. M. Dillon, Bonner Springs, Kan.; G. A. Young, Moberly, Mo.; J. B. Hampton, Colby, Kan.; Dr. J. M. Rose, Stafford, Kan.; Geo. F. Powell, Mena, Ark., and A. Rosenfield, Leavenworth, Kan.

## A. C. BARD & CO.,

Importers and Cutters of

## DIAMONDS.

Order direct from us and get "HIGH QUALITY" at LOW PRICES. Only one small profit from cutter to dealer.



Trade-Mark.

Columbus Memorial Building.

103 State St., Chicago, Ill.

Room 260  
 Columbus  
 Memorial Building

103 State Street  
 Chicago, Ill.



EUROPEAN OFFICE

Dorus Van Praag  
 9 Rue Milton

PARIS, FRANCE



### Minneapolis and St. Paul.

W. M. Stone, Minneapolis, has returned from a few days spent in Chicago, Ill.

M. Edelstein, St. Paul, has bought out the Barrios Diamond Parlors at West Superior, Wis.

James Graham, of Chicago, Ill., is a new manufacturing jeweler with Shirley Woolsey, St. Paul.

A. M. Sproehnle, of Sproehnle & Co., Chicago, has been in the Twin Cities during the past week.

Nathan Friedman, of St. Paul, has returned from Winnipeg, whither he had gone to complete his wedding plans.

A. N. Anderson, of 29 Washington Ave. South, Minneapolis, will engage in the wholesale watch and case business.

A. H. Schultz, of 257 Cedar Ave., Minneapolis, has remodeled his store front and otherwise improved the exterior of his establishment.

Miss Minnie Reed, daughter of Robert Reed, of the Reed-Bennett Co., Minneapolis, was married last week to E. Palmer of Detroit, Mich.

Arthur E. Paegel, Minneapolis, has returned from a day's trip shooting prairie chickens. He expects to go for a week's vacation in a few days.

George J. Johantgen, of Johantgen & Kohl, Minneapolis, was married last week to Miss Alma Anderson. They went to Duluth for a wedding trip.

A. L. Haman & Co., who have the contract for winding the city hall clock, St. Paul, recently submitted a statement showing that the cables of the clock needed an overhauling, and recommending that an expert be employed to examine them.

Joseph Cohen, who has been in the jewelry business in Minneapolis, has been arrested at Butte, Mont., on a charge in Minneapolis of being implicated in the municipal corruption. He is said to have been a go-between between the higher police officers and gamblers and others. He declares his innocence.

The manufacturing jewelers of Minneapolis have made a demand upon their employers for a reduction of working hours from nine and one-half hours to nine, and

eight on Saturday. This has been granted by some of the shops. They also demand that time and one-half be paid for all overtime work, with double time for Christmas work. They want to exclude any further apprentices until Jan. 1, 1904, and after that limit the number to one for each journeyman. They further ask the recognition of the union and the discharge of all workmen who will not join the union. The employers' association is considering the various demands, but no action has yet been taken. The St. Paul union has made somewhat similar demands. The employers resent most of the demands.

The State Fair rates brought in a large number of country jewelers. Among the visitors were J. B. Wagner, Morton, Minn.; A. M. Harper, G. W. Silcher, Renville, Minn.; Dr. J. D. McKenzie, Milnor, N. D.; K. Sivertson, Pierpoint, S. D.; Mr. Riedner, Chokio, Minn.; W. R. Hand, Elbow Lake, Minn.; J. Henry Eggers, Jr., Plainview, Minn.; A. L. Mealey, Delano, Minn.; John L. Mahowald, Montgomery, Minn.; Wm. Krohn, Annandale, Minn.; A. J. Rost, St. Peter, Minn.; W. G. Gould, Glencoe, Minn.; G. W. Dillon, Manly, Ia.; A. L. Bolsta, Ortonville, Minn.; Aug. Ferry, Eveleth, Minn.; J. C. Marx, Shakopee, Minn.; J. Haga, Hector, Minn.; I. M. Radebaugh, Janesville, Minn.; H. Ziskin, Grand Forks, N. D.; N. Greenberg, Pembina, N. D.; G. A. Klein, Duluth, Minn.; C. Arveson, Sleepy Eye, Minn.; John Hammer, Alma, Wis.; Ed. H. Gross, Kenmare, N. D.; Mr. Birkebak, of Birkebak & Co., Worthington, Minn.; A. H. Sugg, Zumbro Falls, Minn.; F. W. Schmidt, Howard Lake, Minn.; A. B. Cornwall, Turtle Lake, Wis.; George L. Rochat, Ada, Minn.; W. W. Arms, Owatonna, Minn.; George Monroe, Grand Forks, N. D.; W. F. Beier, Jordan, Minn.

### Pacific Northwest.

The D. F. Wetzel Co., Spokane, Wash., is enlarging and improving its store. A steel ceiling will probably be put in.

E. B. Wheat has secured a part of the Condon Pharmacy building in which to display his large stock of jewelry, at Condon, Ore.

A forty-dollar diamond ring was stolen from Benjamin L. Gates's jewelry store in Seattle, Wash., on the evening of Aug. 30. Two women had been looking at rings, and when about to return the tray to the case the ring was missed.

### "THE EBONY KING."

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the  
United States.

Prices positively the lowest.  
Send for illustrated catalogue.

**Fine Fans and Jewelry.**

**IF YOU send me five or more  
watches to repair at one  
time, I give 5% discount.**

**DEMAGNETIZING.**

**WILHELM K. SANDBERG,**

**WATCHMAKER,**  
Columbus Memorial Bldg., CHICAGO.  
SEND FOR PRICE-LIST.

**American and Swiss  
Watches.**

**Diamonds and Precious  
Stones.**

**Silver Novelties.**

**Sterling Silverware.**



207 Sutter St., San Francisco, Cal.

**California Jew-  
elry Factory.**

**Quartz Jewelry.**

**Jewelry of Every De-  
scription.**

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

**509-511-513 Race St.,**

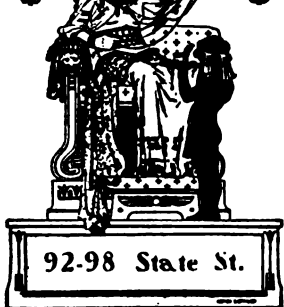
**CINCINNATI**

**OHIO.**



**Drackett, Cleck & Jehllinger,**

SUCCESSORS TO

**DRACKETT, JEHLINGER**  
JEWELERS CHICAGO

92-98 State St.

**NOW READY**

for the Fall trade. Newest and latest designs in all kinds of up-to-date fine jewelry.

Let us send you a selection package. Prices the lowest.

**Drackett, Cleck & Jehllinger,**  
JOBGING JEWELERS,  
Stewart Bldg., CHICAGO.

**Cash Paid  
for Stocks.**

Send for our new  
1902-3 illustrated  
catalogue of dis-  
continued move-  
ments and cases.  
It will interest  
you. \* \* \* \* \*

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

**Indianapolis.**

H. A. Davis, Pennville, Ind., is visiting in Arkansas.

J. S. Pierce, Red Key, Ind., has returned from a trip to California.

John T. Gardner and family are now occupying their new home on East Vermont St.

J. H. Reed, who bought out Wm. T. Marcy, last Spring, has removed his family from Paris, Ill., and will occupy a house on North Delaware St.

Harry Cloud has erected at a cost of \$7,500 a modern brick building on the main street in Montpelier, Ind., and will move his jewelry store into the new quarters.

Some out-of-town dealers in the city, last week, were: August Anderson, North Salem, Ind.; J. E. Ward, Worthington, Ind.; A. A. Garner, Lebanon, Ind.; Frank C. Sheldon, Shelbyville, Ind.; Campbell Kersey, Darlington, Ind.; and Charles H. Rothinghouse, Jonesboro, Ind.

**Detroit.**

The business of J. Schiedegger & Son, Reed City, Mich., has been sold to C. J. Grill of Ashton, Mich., who will continue it.

E. A. Harrold, formerly with C. D. Peacock, diamond merchant, Chicago, Ill., has taken the place of Charles W. Warren, in the store of Wright, Kay & Co.

The ringing of an electric clock in H. W. Steere's jewelry store, 68 Woodward Ave., last week, made the policeman on the beat suspect burglars, and the place was guarded until the Still Alarm Co.'s automobile brought Steere to the store. Nothing was wrong.

Isadore Unger, of Buffalo, N. Y., is under arrest charged with stealing a gold watch from Joseph Grosslight's pawn shop and getting \$15 for it from Pawnbroker Van Baalen. During the last month he has pawned three gold watches and a valuable diamond thought to have been obtained from a Buffalo jeweler by the substitution game.

**Denver.**

D. Ramsey, of Grand Junction, and M. C. Ramsey, of Monte Vista, were in Denver during the past week.

The jewelry store of E. F. Bennett, Colorado Springs, was recently broken into by burglars, who made away with about \$100 worth of jewelry.

Thos. C. Knowles, the Denver correspondent of THE JEWELERS' CIRCULAR—WEEKLY, was married to Miss Virginia E. Phillips, of this city, last Wednesday afternoon, and has left for a two weeks' tour of the State.

Charles R. Lewis, secretary of the Lewis Jewelers' Supply Co., was elected treasurer of the Society of the Army of the Philippines at its third annual reunion, recently held at Council Bluffs. During the war with Spain Mr. Lewis served with honor as a lieutenant in the Colorado regiment.

**Cincinnati.**

Gustave Fox & Co. have made a past exalted ruler charm for the Manistique, Mich., Lodge of Elks, at a cost of \$700.

V. A. Gebhardt, of Gebhardt Bros., reports the outlook exceedingly good for Fall business, and expects to go out on the road in about a week.

Gustave Spiegel is one of the latest additions to the traveling force of Gustave Fox & Co. The other travelers have started on their respective trips, A. A. Spiegel going west, Lawrence Schuler east, and Samuel Loeb through the north.

Theodore Neuhaus & Co. have received the contract from the Fall Festival directors to make the President's jewel which will be presented to him when he visits the festival this month. The design is thoroughly original, treated very boldly, and is beautifully modeled. The piece is to be made of 24 karat gold. This firm also received the contract for 22 special jewels to be worn by the Fall Festival directors.

Judge Thompson, of the United States

ESTABLISHED 1854.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.



Circuit Court here, last week handed down a decision in the patent suit brought by the National Cash Register Co. of Dayton against the New Columbus Watch Co. as manufacturers of the Halwood machine. The court holds the Halwood machine infringes claims of the Maxwell patent, owned by the National Cash Register Co., and a decree has been entered accordingly.

### San Francisco.

#### TRADE CONDITIONS.

From the alterations, improvements and additions and continued good feeling among the jewelers, one is compelled to believe that just now San Francisco is an excellent town for this business. What the far future may bring no one needs to worry over, but that the near future promises excellent trade no one doubts.

Taber Bros., Market St. retailers, are going to move to 27 4th St.

W. K. Vanderslice, of the W. K. Vanderslice Co., has just returned from a Summer outing.

De Ferrari & Peters are altering their store at 217 Montgomery St. and enlarging the stock.

E. B. Sturgess, with Phelps & Adams, has just returned from a Summer sojourn at San Anselmo, Cal.

Charles L. Trout & Co., New York, have placed their line of ebony goods and silver novelties with J. B. Whitney.

J. Jacobs, of J. Jacobs & Co., jobbers on Sutter St., is back from the country, and is drumming the trade in this city.

E. Fisher, with Armer & Weinshenk, has just returned from a three weeks' vacation, spent in Mendocino County, Cal.

Leon Lazarus & Bros. are opening a new jewelry store at 517-519 Kearny St. They are fitting it up in a neat and up-to-date style.

The Morgan & Allen Co. has moved upstairs to more spacious quarters. They now have what is claimed to be the largest and finest display of silverware in the city.

Mr. Belcove, of Belcove & Farrar, Carson City, Nevada; H. M. Heide, Portland, Ore., and H. M. Hansel, Stockton, Cal., were among the visitors to the trade last week.

### Pacific Coast Notes.

Berthold Lissner has just completed the fitting up of his new store at 1103 Washington St., Oakland, Cal.

John Beckwith's repair shop at 1452 San Fernando St., Los Angeles, Cal., was recently entered by burglars, who stole a quantity of cheap jewelry.

R. R. Stearn, San Jose, Cal., was recently swindled out of two diamond rings valued at \$140, by a suave Frenchman who successfully worked the old game of requesting permission to take the rings into his sick wife's room to allow her to select one, and then disappearing, leaving the jeweler waiting outside.

J. A. Remmel, Alameda, Cal., has been elevated to the position of State manager of the Devore Diamond Co., Minneapolis, Minn. He was the only one considered for this position, and it was given him on

# CORAL.

We are headquarters for CORAL CHAINS and CORAL BEADS of every description. Rare and beautiful TINTS.

Choice specimens of

## WHITE CORAL

in GRADUATED NECKLACES.

## IMITATION PEARLS

from the better low grades to the finest.

We fill special orders for collars and chains of coral and pearls.

Also a unique line of

## Gun Metal Jewelry and Novelties,

CHAINS, BROOCHES, PENCILS, SMOKERS' ARTICLES, etc.

## D. LISNER,

Importer of Jewelry Novelties,

Paris Office,  
28 Rue d'Hauteville.

12 E. 17th St., NEW YORK.

## LOOK into the MERITS of my New Patent Initial, Emblem and

Send for New  
Illustrated  
Catalogue and  
Conditions  
of  
Protection.



## Photo Ring.

IT WILL  
PAY YOU.

## CHAS. M. LEVY, Manufacturer of Rings, Locketts and Buttons,

90 WILLIAM ST., near Maiden Lane, NEW YORK.

Factory, 30-32 PLATT ST.

Telephone 759 A John.

## 28 out of 45 PRIZES

were awarded to

## PATEK, PHILIPPE & CO.

In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.



# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

## Diamond Mounting.

We are prepared to execute special order work  
in Diamond Mounting of the highest grade.

PLATINUM FRONT WORK.

### L. T. GRANT & CO.,

Represented by  
PHIL. O. STUTZMAN.

17 Maiden Lane, New York.

account of his great success as district agent.

W. A. Ray, proprietor of the Clear Lake Jewelry Co., Lakeport, Cal., is doing some large supplement advertising in the local papers.

Ben. S. Virden, Oxnard, Cal., has this week put in a beautiful cylinder show case, and a complete line of jewelry, which occupies space in the center of his drug store.

J. H. Dietrick, Imperial, Cal., has nearly completed an addition to his store. He will then remodel the interior, and it is his intention to put in a stock of jewelry in the near future.

### Jacksonville, Fla.

Robt. T. Radford left Lake City, last week, for New Orleans, La., where he will purchase his Fall and Winter stock.

The prizes awarded the competitors in the Labor Day games at Pensacola were displayed in the windows of Peter Lindenstruth's jewelry store, Jacksonville.

Robt. J. Riles, Jacksonville, has returned from San Francisco, where he went to attend the biennial meeting of the Supreme Lodge representatives of the Knights of Pythias.

Louis Cherry, who for three years has had a jewelry store at Manatee, has returned to his old home at Opelika, Ala. He has placed his business affairs at Manatee in the hands of J. S. Price for settlement.

### Alabama.

#### TRADE CONDITIONS.

The trade reports business good with liberal sales and satisfactory collections. Labor conditions are propitious and the wage roll of the district is growing larger every week. The outlook is bright for phenomenal business this Fall and Winter.

J. J. Sullivan, a Jefferson County jeweler, is doing Grand Jury duty.

C. H. Carlman, with Geo. A. Poetz, Mobile, has become a benedict.

Julius Goldstein, Mobile, is among the buyers now visiting New York.

H. C. Abbott, of H. C. Abbott & Bro., Birmingham, is in New York on a purchasing trip.

J. B. Whitlock, Eufaula, has rearranged his store for a big stock of goods, which he will shortly install.

W. K. Thaxton, a Birmingham jewelry merchant, is receiving the sympathy of friends on the death of his wife.

E. Lowinsohn, Birmingham, has returned from New York, where he bought a large stock for his new store on Second Ave.

Louis P. Hebard, Sheffield, is encouraging the Knights Templars order there. He has a full uniform on exhibition in his window.

Major E. O. Zadek, of the E. O. Zadek Jewelry Co., Mobile, was in Birmingham last week, en route to New York, where he goes to watch progress on the silver service to be presented to the battleship *Alabama*. The service is being manufactured by the Whiting Mfg. Co. He will also buy his Winter stock while there.





WRITE FOR ILLUSTRATED CATALOGUE SHEET OF  
**“RICESZINN”**

A PURE NON-TARNISHABLE METAL (OF SECRET COMPOSITION),

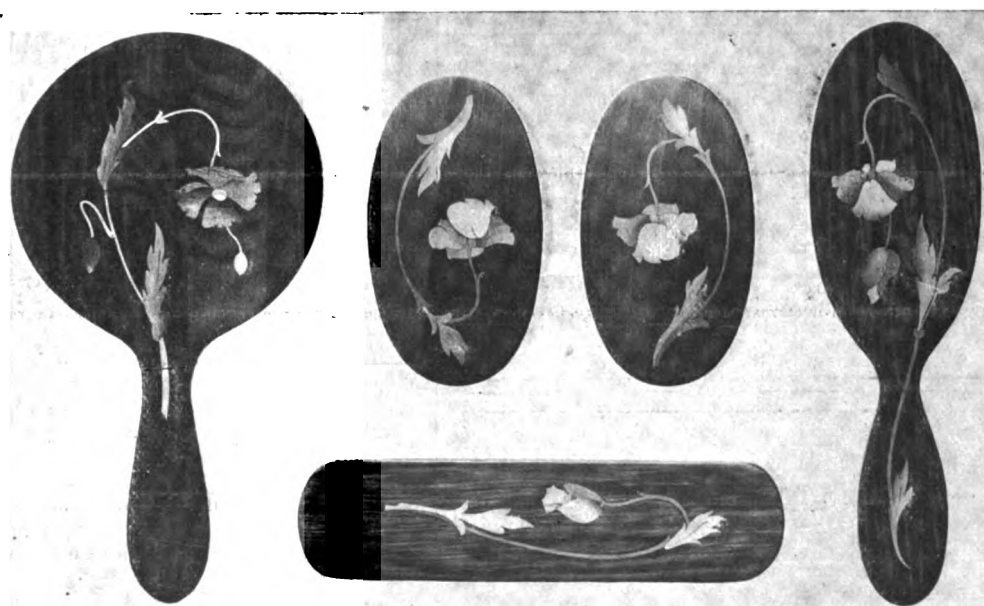
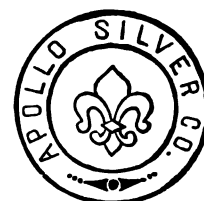
A LARGE VARIETY OF ARTISTIC STYLES FOR PRACTICAL USE  
 AND DINING ROOM DECORATIONS.

ORIGINATED AND MADE SOLELY BY

**Bernard Rice's Sons,**  
**MAKERS OF FINE ELECTRO-PLATED HOLLOW-WARE,**  
**542 Broadway,**

FACTORY, { 4-6 Marlon St.  
 { 167-169 Elm St.

**NEW YORK.**



**“Entirely  
 New.”**

**INLAID REAL  
 EBONY.**

**INLAID REAL  
 ROSEWOOD.**

We have spent fully two  
 years in obtaining some-  
 thing new and exclusive,  
 and which, at the same  
 time, could not be put on  
 the market in **CHEAP**  
**IMITATION.**

These goods can only be appreciated by exclusive trade. It will be to your interest to place orders at  
 once, as we can only produce a limited quantity.

*J. J. Cohn*

**49 MAIDEN LANE, NEW YORK.**

Manufacturer of Leather Goods and Importer of Real  
 Ebony and Rosewood Toilet Articles.



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## Special Notices.

Payable invariably in advance.  
 Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.  
**SITUATIONS WANTED**, 1c. a word each insertion; minimum charge, 25c.  
 Heavy type, double regular rates.  
 Display cards on this page, \$2.00 per inch.  
 In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

**YOUNG MAN** wishes position with wholesale manufacturing jeweler as inside or city salesman. "R. 79," care Jewelers' Circular-Weekly.

**COMPETENT YOUNG MAN** on watches, clocks and jewelry and salesman; tools and reference; New York or Eastern States preferred. E. M. Dean, Castleton, N. Y.

**WANTED**, by an A1 salesman, a position either on the road or inside; watches, diamonds or gold jewelry preferred. Address "19," care Jewelers' Circular-Weekly.

**FOREMAN** and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

**I AM** a practical watchmaker, optician and fair engraver; with 15 years' experience; do good work; fine tools; have been head watchmaker. Address "40," care Jewelers' Circular-Weekly.

**EXPERIENCED YOUNG LADY** desires position as stock clerk in jewelers' office, capable of taking entire charge of salesroom; first class references. "X. Y. Z.," care Jewelers' Circular-Weekly.

**YOUNG MAN**, 22, desires permanent position; good watch, clock and jewelry repairer and salesman; five years' experience; references; no liquor or tobacco. Norman Bassett, Oshawa, Ont., Can.

**COMPETENT WATCHMAKER**, jeweler and engraver desires change in position; 28 years of age, single, and good address; state wages in first letter. Address J. R. B., 629 Walnut St., Macon, Ga.

**WANTED POSITION** as foreman or manager; silver novelty manufacturing concern preferred, by a man 30 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

**WANTED**—Man of unquestionable ability and reliable in all ways would like to arrange with wholesale jeweler to represent their line in the east; have been in watch and jewelry business 20 years; best of references. Address "K. 14," care Jewelers' Circular-Weekly.

**YOUNG MAN**, 25 years of age, desires position as watchmaker and jeweler in first class retail establishment in New York City; have my own tools and can give best of references in regard to ability and honesty. For particulars address F. A. H., care Jewelers' Circular-Weekly.

**WATCHMAKER**, jeweler and good salesman, young man, energetic and trustworthy, experienced on railroad work, two years with inspector, desires permanent position with first class New York City house; exceptional references and recommendations. Address "Ability 65," care Jewelers' Circular-Weekly.

**WANTED, POSITION**; a first class watchmaker with many years of experience in fine and complicated watches, watch adjusting and rating, wants a position by October next; only first class houses, where good and fine work is wanted, answer; no cheap houses. Address A. W., care Jewelers' Circular-Weekly.

**WANTED, POSITION** as stenographer or office assistant in manufacturing or wholesale jewelry house. Address Miss F. G., care Jewelers' Circular-Weekly.

**WATCHMAKER**, strictly first class, 25 years' experience in fine and complicated work, with A1 references; competent to take full charge of repair department, wishes permanent situation with responsible firm on or after Oct. 1; at present in the south; large northern or southern city preferred. Address E. T. R., care Jewelers' Circular-Weekly.



**SITUATIONS WANTED—Continued.**

**SUCCESSFUL RING SALESMAN**, 19 years same firm; Chicago and Central States; able manager, honest, conscientious hustler; who uses his eyesight and brains, desires proposition for 1903; first class manufacturer's line gold rings on commission; command \$50,000 trade; gilt edge reference; could invest \$10,000. Address "King Salesman," care Jewelers' Circular-Weekly.

**Help Wanted.**

**WANTED**, first class engraver, one who can do card work preferred. White & McNaught, Minneapolis, Minn.

**WANTED, YOUNG MAN** with experience in watch material line. Address "Experience 46," care Jewelers' Circular-Weekly.

**WANTED**, as salesman, a young man familiar with the American pearl business. Address B. K., care Jewelers' Circular-Weekly.

**WATCHMAKER**, who can do good engraving; state age, experience and send sample of engraving. Address E. G. Hoover, Harrisburgh, Pa.

**WANTED**, first class jeweler and engraver; must be steady and sober; submit sample of engraving and state salary. Kinsel & Petri, Columbus, Ga.

**WANTED**, first class jobbing jeweler and engraver; submit sample of engraving, and state salary. Address "P," care Jewelers' Circular-Weekly.

**FIRST CLASS** jeweler and engraver; prominent position to the right party; fine, large shop; good light and air. Wm. Schweigert & Co., Augusta, Ga.

**WANTED, A YOUNG MAN**, experienced in the line of watch material and jewelry; must have good references. "Y. 38," care Jewelers' Circular-Weekly.

**WANTED**, first class watchmaker, who is a good engraver and a good salesman; young man preferred; references required. Address R. Van Keuren & Co., Savannah, Ga.

**WANTED**, by Oct. 1, or earlier, a first class jeweler and engraver; give references, state wages wanted and enclose sample of engraving. Address "Position," Box 888, Richmond, Va.

**A WELL-KNOWN** New York jobber of watches and jewelry desires, Jan. 1, 1903, an outside traveler with established trade; state territory, experience, etc. L. T., care Jewelers' Circular-Weekly.

**WANTED**, two first class retail jewelry salesmen; must be up-to-date, willing to work, and money getters. Write, with full information, salary required and references, to Chas. Ettinger, Cleveland, O.

**WANTED**, a competent watchmaker and engraver; state age, experience and amount of salary wanted; also give reference; permanent position to right man. Address P. O. Box 375, New Britain, Conn.

**WANTED, BY OCT. 1**, first class engraver, jeweler and stone setter; salary, \$22 per week and permanent position; sample of engraving and reference with first letter. Address W. F. Fischer & Bro., Chattanooga, Tenn.

**WANTED, TRAVELING MEN** calling on the jewelry trade to carry our art statuary, busts, masks, etc., as side line on commission; liberal contract. Full particulars by addressing A. P. Mills, 27 Horton Ave., Detroit, Mich.

**WANTED**, a first class watchmaker, who can do any kind of watch repairing; must be thorough and quick; good salary and steady work; to go to Birmingham, Ala. Address American Watch Case Co., 9-11-13 Maiden Lane, New York.

**WANTED**, by first class New York tool and material house, young man to wait on office trade and to select orders; excellent chance for advancement; applications strictly confidential. Address "Experience," care Jewelers' Circular-Weekly.

**WANTED, WORKING JEWELER** for diamond work and fine manufacturing; prefer a young married man, but he must be superior workman; location, Los Angeles, Cal.; will pay railroad fare. Address, until Sept. 23, James A. Montgomery, care Gorham Mfg. Co., 19th St. and Broadway, New York; after that date, Montgomery Bros., Los Angeles, Cal.

**WANTED**, a first class all around watchmaker, engraver, optician and salesman, capable of taking charge of jewelry department; will pay good wages and offer permanent position to right man; state wages and give references in first letter. The Pfeiffer Co., Cedar Falls, Ia.

**WANTED**, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19," care Jewelers' Circular-Weekly.

**WANTED a good jeweler, stone setter and engraver; must be a good workman; permanent position in a retail jewelry store.** T. H. M., care Jewelers' Circular-Weekly.

**WANTED**, an exceptionally good man for our diamond counter; salary a progressive one, according to sales and ability; want the best man we can secure. Address, until Sept. 30, James A. Montgomery, care Gorham Mfg. Co., 19th St. and Broadway, New York; after that date, Montgomery Bros., Los Angeles, Cal.

**WANTED—By a prominent jobber** in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1903. Box 91, care Jewelers' Circular-Weekly.

**WANTED**, an experienced man in jewelry store in Pittsburgh, Pa.; a good opportunity for the right man; we want a good all round man, one capable of selling diamonds, watches, silverware and art goods; a man of good address with some experience in trimming windows and decorating store. Apply "H. 213," care Jewelers' Circular-Weekly.

**HUSTLING SALESMEN**, selling to the jewelers and department stores, can earn from \$25 to \$50 per week with our side line of 14 karat gold filled rings; our own manufacture; we put up goods for the trade in beautiful display show cases and trays; samples are easily carried; commission, 20 per cent.; state territory traveled and references of firm employed with. Address Argentine Bros. & Mier, 533 Rose Bldg., Cleveland, Ohio.

**WANTED**, a watchmaker to take charge of a branch inspection shop in a railroad suburb of Little Rock, Ark.; fair salary and commission on the sales and work; no expense, except board; applicant must be a man of good character; understand adjusting and rating of railroad watches, and willing to devote his time and energy to building up a business; the applicant must furnish all tools except bench. Forward references, photograph, age, and state if married or unmarried to Chas. S. Stiff, Little Rock, Ark.

**WANTED—A first class jewelry salesman** by a large retail Chicago house; must be able to furnish unquestionable references and be thoroughly experienced in selling diamonds, watches and fine jewelry; state age, experience, references and salary willing to accept to start; a good opportunity for the right man. "L. B.," care Jewelers' Circular-Weekly.

**Business Opportunities.**

**WISHING to retire** from the jewelry business, established 1860, we offer our entire stock of fixtures and good will for sale cheap; excellent opportunity for young man. Smith & Dreer, 938 Arch St., Philadelphia, Pa.

**FOR SALE**, small jewelry business in mining camp in Arizona; stock and fixtures about \$1,200; all clean, salable goods; repair work averages \$125 per month; rent, \$10 per month; good prices. C. P. Dunn, Clifton, Ariz.

**WE CATER** for jewelry stocks only; amount no object; we are known to pay highest prices for same; if you wish to retire notify us at once; correspondence strictly confidential. Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y.

**WANTED**, a first class engraver and optician to go in partnership with a first class watchmaker and jeweler; must know the business thoroughly and have the necessary instruments; one with some capital preferred. Address "Good Chance," care Jewelers' Circular-Weekly.

**AN UP-TO-DATE** silverware manufacturer desires connection with a few first class houses; can supply hollow and flat ware of the best in the country; \$20,000 to \$30,000 worth of each per annum; specially cheap for cash. "B. 15," care Jewelers' Circular-Weekly.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

**WISH TO PURCHASE** jewelry store in live town of 3,500 to 10,000 population; must have good run of repair work; fixtures must be up-to-date and stock new and well selected; invoice from \$5,000 to \$15,000. Address "C. P. D.," care Jewelers' Circular-Weekly, 510 Champlain Bldg., Chicago, Ill.

**FOR SALE**, in Roanoke, Ala., stock and fixtures, amounting to about \$2,000; only one store of the kind in the place; brick building; rent cheap; town has electric lights, water works and ships 20,000 to 25,000 bales of cotton a year; terminus of Central Georgia R. R. in eastern Alabama; healthy climate; will sell cheap for cash; good opening for right party. Address "G. 21," care Jewelers' Circular-Weekly.

**For Sale.**

**LARGE** black walnut watchmakers' cabinet bench, in excellent condition; cost \$22 to make; will sell for \$8, f. o. b. Inquire of "Mechanic," care Jewelers' Circular-Weekly.

**FOR SALE OR EXCHANGE**, a Francis engraving machine in perfect condition; four sets of type, emblem, etc.; will exchange for watchmaker's lathe and attachment or trial case. Address F. Claxton, Paterson, N. J.

**"D" STARK LATHE** outfit (Hard), including full set chucks, filing square, universal head, slide rest, jewelry tool and small attachments; also heavy power wheel for same; all in perfect condition; for sale to highest bidder before Oct. 10. Address "D" Stark, care Jewelers' Circular-Weekly.

**FOR SALE—Jewelers' Safe**, 82 inches high, 52 inches wide, 46 drawers, fine cabinet work; great bargain. Room 15, Lorsch Building, 37 Maiden Lane, New York.

**FOR SALE—SIGNS**. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**PART OF OFFICE** to let, suitable for diamond dealer, watchmaker or engraver. Room 108, Anderson Bldg., 12-16 John St., New York.

## WASHINGTON

### Watchmakers' Institute,

1425 NEW YORK AVE., N. W.

WASHINGTON, D. C.

Write for Particulars.

## PEARLS BOUGHT FOR CASH.

If a customer should bring you any Diamond or Pearl jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**

NO. 3 MAIDEN LANE, NEW YORK,

where you can have an immediate Cash Offer.

Established 1880.

"Ding, Dong, Bells; Ring Adjusters, Wells."

Who puts them in? Jewelers who're in the swim. We will march as we sing of the beautiful position of the ring, that has Chester H. Wells ring adjuster in. Rings, rings, rings; that our jeweler fits Wells ring adjusters in. Paste this on back of your business card and loan to three bright boys or girls for two days each. Watch the result. Address, Chester H. Wells, Jeweler, Meschoppen, Pa.





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Fine Etching.

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MIGHTY MEN O' THE HAMMER.



The services of the two best-known auctioneers at the cost of one.

## Connecticut.

Work has once more been resumed in all the departments of R. Wallace & Sons Mfg. Co. at Wallingford.

Geo. F. Stevenson, former jeweler of Bridgeport, died at his home in that city at an advanced age.

The wife of Geo. R. Curtis, Meriden, has presented the church society at Money Island with a bell for its tower.

Irving J. Carter, of F. H. Bowers & Co., Taunton, Mass., was a recent guest of Edwin Johnson, 262 Cook Ave., Meriden.

In the recent base ball match between the teams of H. L. Judd & Co. and R. Wallace & Sons Mfg. Co., the latter was defeated by a score of 8 to 3.

Wm. H. Watrous, of the Hartford Board of Water Commissioners, has returned with his family from Westbury, where he had been summering.

The engagement is announced of Miss Annie Lee Steele, daughter of T. Sedgwick Steele, of Meriden, to Herbert M. Adams of Providence, R. I.

C. D. Warner, formerly of the Standard Electric Time Co., has left Ansonia for New York State again, where it is expected he will hereafter reside.

John C. Tracy, Willimantic, mourns the loss of his father, Calvin Loomis Tracy, who was a prominent citizen of South Manchester. The deceased was 80 years of age.

Frank Wilcox, Meriden, traveling representative for the International Silver Co., has been discharged as cured from the Milwaukee hospital, where he had been suffering from an attack of typhoid fever.

The R. Wallace & Sons Mfg. Co., Wallingford, has the contract to furnish silverware for the new hotel in Washington, D. C., known as the New Willard. The order calls for about \$10,000 worth of stock.

The New England Watch Co., Waterbury,

has extended the Saturday half holiday through the month of September. After this month the half holiday will be discontinued, but the shop will be closed at 4 p. m. on Saturdays.

Four sneak thieves visited Derby, Conn., last week, and after making fruitless attempts to play the old substitution game at the stores of Taylor & Gregory, Robert S. Gardner and Geo. C. Allis, finally left the city.

The funeral of W. R. Mackay was held last week at his residence on Norway St., New Haven. In accordance with the wishes of his family the services were without display. Numerous floral offerings were sent from lodges, of which Mr. Mackay was a member. A particularly handsome one was sent by Consul Hughes of Coburg, Germany.

Bradley & Hubbard, Meriden, were the designers and makers of a large highly ornamental brass chandelier, weighing about 250 pounds, which was recently placed in position in the center of the ceiling at the State Library at the Capitol at Hartford. The chandelier is made up of 12 clusters, three electric bulbs to each cluster, and each light will be of 10 candle power.

Walter Camp, secretary of the New Haven Clock Co., recently stated that no date had yet been assigned for the meeting of the directors of the company to elect a successor to the late president, Samuel A. Galpin, and also stated that he did not know when a date would be assigned. Mr. Camp, as secretary and assistant treasurer of the company, has conducted a large share of the work formerly in the hands of the president.

At the recent firemen's tournament at Millerton, N. Y., Sylvester Tripp gave a handsome automobile watch in a patent leather case as one of the prizes to be given to the winner in the automobile races.

Mr. Dodd was an associate of the late P. J. Burroughs for 12 years in all his large sales, and at his death we filled all of his engagements. Our services have been in demand all Summer. One success has followed another. The work speaks for itself as follows:

The Hight & Fairfield Co., Butte, Mont., March.

C. D. White & Co., Minneapolis, Minn., April.

L. G. Call, Waynesburgh, Pa., May.

The Max Rollins Stock, Youngstown, O., May.

P. L. Lowenthal, Bradford, Pa., June.

Y. S. Baird, Watertown, N. Y., July.

A. M. Marwede, Alpena, Mich., August.

Mrs. Sarah Dickinson Wood, Niagara Falls, N. Y., August.

R. D. Worrell, Mexico, Mo., September.

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MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
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JOINTED EAR WIRES.  
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Finger  
at  
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Points.

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HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN.

14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

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### Localization of the Jewelry Industry as Reported in the 12th Census.

WASHINGTON, D. C., Aug. 26.—The Census Office has in press an elaborate report upon the localization of industries, prepared by Frederick S. Hall, Ph.D., of the division of manufactures. Through the courtesy of S. N. D. North, chief statistician for manufactures of the Twelfth Census, THE CIRCULAR-WEEKLY is enabled to present the figures of the report of interest to the trade in advance of official publication.

It is remarked at the outset that the localization of industries is a phenomenon which it is possible to observe in the general statistics of manufactures wherever the distribution of industries is presented by States and cities. General tables of this character show in addition a great variety of other facts, and it is, therefore, not easy to observe which of the industries of the country are localized industries and to note the extent of such localization. The tables included in the report which follows have been prepared in order to present this information in the most convenient form. For each industry of which the report takes account four tables are presented, showing, respectively, the localization of the industry by States and by cities, and the specialization of States and cities in the industry. These tables indicate how large a proportion of any industry is concentrated within certain comparatively small areas, and also how largely any one locality is given over industrially to a particular industry.

In most instances the statistics for 1890 are given in addition to those for 1900, and by comparison it is possible to note the changes in localization between the two censuses. This phenomenon—the migration of industries—is only commented upon incidentally in the report. For the sake of simplicity the extent of both localization and specialization is measured almost exclusively in terms of the value of products. Other statistics might be used—capital, wage earners, etc.—and for some purposes these would be preferable; but the value of products is most generally satisfactory.

Measured by the value of products, more than 45 per cent. of the manufacture of jewelry is carried on in Providence, R. I., and the adjoining towns of Attleboro and North Attleboro, Mass.; more than 36 per

cent. of the silverware manufactured in Providence, R. I.; more than 32 per cent. of the manufacture of plated and britannia ware in Meriden, Conn. The specialization of North Attleboro, Mass., in the jewelry manufacture was 71.7 per cent.

The following tables show the localization of the manufacture of jewelry, by States and cities, and the specialization of States and cities in the industry:

Table I indicates that the manufacture of

dence, R. I., and the three places constitute practically one center of the industry. The value of products reported for this group in 1900 constituted 45.7 per cent. of the total value reported for the country. New York City ranked second, with 19.7 per cent., and Newark, N. J., third, with 15.8 per cent. A great stimulus was given to the industry in Providence about 1794, when the process of "filling" gold jewelry with cheaper metal was discovered. At

TABLE I.—JEWELRY: LOCALIZATION BY STATES, 1890 AND 1900.

States.	Value of products.		Per cent of total.	
	1900.	1890.	1900.	1890.
United States .....	\$46,501,181	\$34,761,458	100.0	100.0
Rhode Island .....	13,320,620	8,011,067	28.6	23.0
Massachusetts .....	10,315,334	5,507,415	22.2	15.9
New York .....	10,244,624	7,885,139	22.0	21.3
New Jersey .....	7,879,777	4,724,500	15.9	13.6
Illinois .....	1,601,808	932,000	3.5	2.6
All other States .....	8,639,518	8,201,337	7.8	23.6

TABLE II.—JEWELRY LOCALIZATION BY CITIES, 1890 AND 1900.  
[Cities of 20,000 population or over.]

Cities.	Value of products.		Per cent of total.	
	1900.	1890.	1900.	1890.
United States .....	\$46,501,181	\$34,761,458	100.0	100.0
Providence, R. I. ....	12,719,124	7,801,008	27.4	22.4
Manhattan and Bronx Boroughs, N. Y. ....	9,172,849	5,646,734	19.7	16.3
Newark, N. J. ....	7,864,247	4,631,500	15.8	13.3
Attleboro, Mass. <sup>1</sup> .....	5,701,808	(*)	12.3	....
North Attleboro, Mass. <sup>1</sup> .....	2,785,567	(*)	6.0	....
Chicago, Ill. ....	1,601,808	873,000	3.4	2.5
All other cities and outside of cities .....	7,156,284	15,809,221	15.4	45.5

<sup>1</sup>Under 20,000 population.

\*Not reported separately.

jewelry is almost entirely confined to the four States, Massachusetts, Rhode Island, New York and New Jersey. The value of the jewelry manufactured in these States in 1900 constituted 88.7 per cent. of the total report for the United States. In 1890 this percentage was but 73.8. There has thus been a marked increase in the localization of the industry in the four States named. Rhode Island was the leading State in the manufacture in 1900, the value of its product constituting 28.6 per cent. of the total value reported for the United States.

The localization of the industry in the four States mentioned was principally due to the fact that the first goldsmiths of the colonies located in these States, to be near their best market, the wealthy population in the Middle and New England States.

Table 2 shows the localization of the industry by cities. Attleboro and North Attleboro, Mass., adjoin the city of Provi-

about the same time also machinery was applied to the manufacture.

New York City is noted for expensive hand-made jewelry, while in Providence, Attleboro and North Attleboro the products are principally less expensive goods, in the manufacture of which machinery largely takes the place of hand work. Thus the average value of products per wage earner in New York State in 1900 was \$3,390, as compared with an average of \$1,838 for Massachusetts and Rhode Island combined.

Tables 3 and 4 show the value of jewelry manufactured in each of the above States and cities in comparison with the value of products in all industries. Table 4 indicates that North Attleboro and Attleboro were the most specialized centers of this industry in 1900. The value of the jewelry manufactured in these towns formed 69.8 and 60.4 per cent., respectively, of the value of all manufactured products.

TABLE III.—JEWELRY: SPECIALIZATION OF STATES, 1890 AND 1900.

States.	Value of products.				Per cent. which jewelry forms of all industries.	
	All industries.		Jewelry.		1900.	1890.
	1900.	1890.	1900.	1890.		
United States .....	\$13,004,400,143	\$9,372,437,283	\$46,501,181	\$34,761,458	0.4	0.4
Rhode Island .....	184,074,378	142,500,625	13,320,620	8,011,067	7.2	5.6
New Jersey .....	611,748,933	354,573,571	7,879,777	4,724,500	1.2	1.3
Massachusetts .....	1,035,198,989	888,160,403	10,315,334	5,507,415	1.0	0.6
New York .....	2,175,726,900	1,711,577,671	10,244,624	7,885,139	0.5	0.4
Illinois .....	1,259,730,168	908,640,280	1,601,808	932,000	0.1	0.1
All other States .....	7,787,920,775	5,866,984,733	8,639,518	8,201,337	(*)	0.3

<sup>1</sup>Less than one-tenth of 1 per cent.

TABLE IV.—JEWELRY: SPECIALIZATION OF CITIES, 1890 AND 1900.  
[Cities of 20,000 population or over.]

Cities.	Value of products.				Per cent. which jewelry forms of all industries.	
	All industries.		Jewelry.		1900.	1890.
	1900.	1890.	1900.	1890.		
United States .....	\$13,004,400,143	\$9,372,437,283	\$46,501,181	\$34,761,458	0.4	0.4
North Attleboro, Mass. <sup>1</sup> .....	3,990,731	(*)	2,785,567	(*)	69.8	....
Attleboro, Mass. <sup>1</sup> .....	9,442,752	(*)	5,701,808	(*)	60.4	....
Providence, R. I. ....	88,168,897	77,467,283	12,719,124	7,801,008	14.4	11.1
Newark, N. J. ....	126,954,049	93,476,652	7,864,247	4,631,500	5.8	5.3
New York, N. Y. ....	975,168,202	777,222,721	9,172,849	5,646,734	0.9	0.7
Chicago, Ill. ....	888,943,311	664,567,923	1,601,808	873,000	0.2	0.2
All other cities and outside of cities .....	10,911,732,201	7,759,702,704	7,156,284	15,809,221	0.1	....

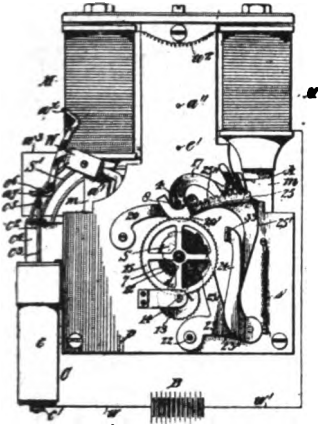
<sup>1</sup>Under 20,000 population. \*Not reported separately.



**The Latest Patents.**

ISSUE OF SEPT. 2, 1902.

**708,112. ELECTRIC CLOCK.** HJALMAR E. ANDERSSON, Stockholm, Sweden. Filed Dec. 1, 1900. Serial No. 38,344. (No model.)

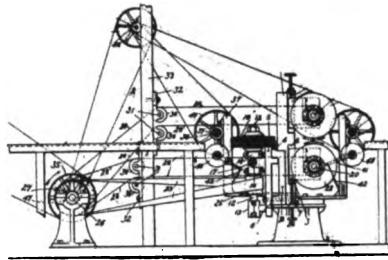


In a clock, the combination with the arbor carrying the transmitting-gears of the clock-train, a ratchet-wheel and an armature-lever revoluble on said arbor, said lever having one of its arms weighted, a pawl on the other arm thereof in engagement with the aforesaid ratchet-wheel, an electromagnet influencing the lever, and a suitable electric circuit; of a circuit-closer in said circuit operated by the armature-lever to close the electric circuit and rotate the ratchet-wheel during the gravitating movement of the lever, and to again open said circuit when said lever is moved in an opposite direction by the closure of the electric circuit, and means disengaging the pawl from its ratchet-wheel before the armature-lever completes its motion under the action of the weighted arm.

**708,127. GRINDING, POLISHING, OR BUFFING MACHINE.** CHARLES F. CHURCH, Holyoke, Mass. Filed Jan. 24, 1900. Serial No. 2,567. (No model.)

In a grinding and polishing machine, the combination with a vertical supporting-frame formed with upper and lower vertical slideways at its front, plates having flanges to engage the slideways and formed with upper and lower horizontally-projecting arms provided with bearing-apertures, bearing-boxes formed with trunnions

mounted in said bearing-apertures, shafts in the bearing-boxes, upper and lower polishing-wheels on the shafts, and screws engaging said plates



from above and below whereby the same may be adjusted to and from each other.

**708,141. EYEGLASSES.** ALBERT K. HAWKES, Atlanta, Ga. Filed Jan. 16, 1902. Serial No. 90,085. (No model.)



A spring-bow for eyeglasses, comprising two separate spring members, a series of detents formed in said members, and a horn depending from the end of each member adapted to engage the detents in the other member and lock the members against movement.

**708,181. SEPARABLE BUTTON OR STUD.** JOHN L. VREDENBURGH, Austin, Tex. Filed June 11, 1902. Serial No. 111,177. (No model.)

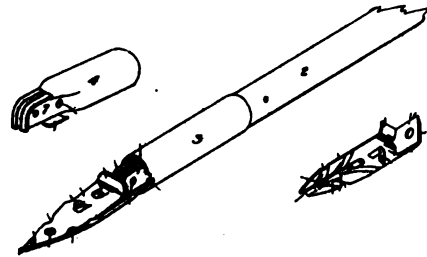


In combination in a separable button, a base provided with a stem, a locking projection thereon and a head provided with a plate having an opening therein to permit of the passage of the stem and projection, said parts being adapted to be turned to couple the head and stem, and oppositely-disposed lugs struck up from the plate designed to coact with said projection to prevent the relative rotation of the parts when in coupled position.

**708,221. FOUNTAIN-PEN.** ROBERT T. GILLES-

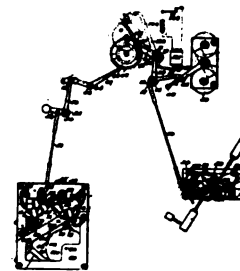
PIE, Rochester, Pa. Filed June 26, 1901. Serial No. 66,080. (No model.)

A penholder provided with means for holding the pen, a pivoted lid provided with bearing-shoulders adapted to be raised from and to be



closed upon and to form with the pen an ink-holding cavity, and a spring-controlled dog adapted to bear against the shoulders and to hold the lid in a lowered or raised position.

**708,253. ELECTRIC CLOCK.** ARTHUR F. POOLE, Wheeling, W. Va. Filed Sept. 7, 1901. Serial No. 74,658. (No model.)



In a synchronized clock system, a series of secondary clocks, a master-clock having connections arranged to give electric impulses to them at determined intervals and for a determined period in one direction, and mechanism for sending out impulses for another period at determined intervals in the opposite direction.

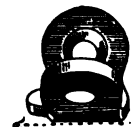
**708,339. LOCK-BUCKLE.** CHARLES A. GOOZEY, Woonsocket, R. I. Filed Feb. 14, 1902. Serial No. 94,081. (No model.)

In a lock-buckle, the combination with the movable tongue, having a hole in its end, of a lock-case lock mechanism comprising a spring-bolt, a spring-catch for engaging said bolt when it is

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You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

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**American Pearls****MAURICE BROWER,**

12-16 John St., New York.



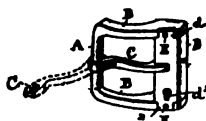
**DR. KNOWLES'**  
PRIVATE COURSE IN  
**Optometry.**

SPECIAL RATES IN THE  
CORRESPONDENCE DEPARTMENT.**"EYE DEFECTS,"**

New Book, in cloth, Price, \$1.00.

For terms and important particulars, write to  
**R. H. KNOWLES, M. D.,**  
541 Fulton St., Brooklyn, N. Y.

withdrawn from the tongue in the act of unlocking and a thumb-piece on said catch projecting through the lock-case.

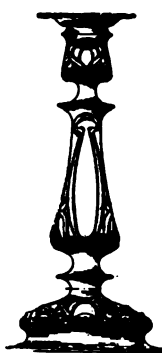


DESIGN 36,034. HANDLE FOR SPOONS, FORKS, OR SIMILAR ARTICLES. JOHN CLULER, Wallingford, Conn., assignor to Inter-



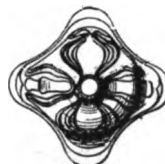
national Silver Co., Meriden, Conn. Filed July 25, 1902. Serial No. 117,050. Term of patent 7 years.

DESIGN 36,035. CANDLESTICK. LOUIS C. HILLER, Wallingford, Conn., assignor to Inter-



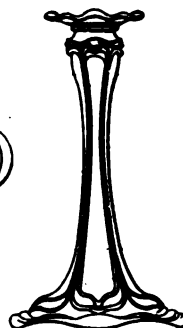
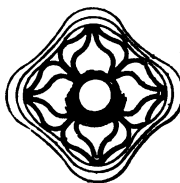
national Silver Co., Meriden, Conn. Filed July 25, 1902. Serial No. 117,047. Term of patent 7 years.

DESIGN 36,036. CANDLESTICK. LOUIS C. HILLER, Wallingford, Conn., assignor to Inter-



national Silver Co., Meriden, Conn. Filed July 25, 1902. Serial No. 117,048. Term of patent 7 years.

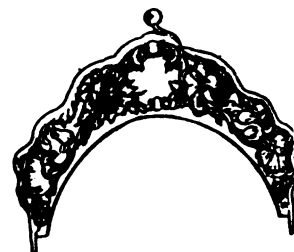
DESIGN 36,037. CANDLESTICK. LOUIS C. HILLER, Wallingford, Conn., assignor to Inter-



LER, Wallingford, Conn., assignor to Inter-

national Silver Co., Meriden, Conn. Filed July 25, 1902. Serial No. 117,049. Term of patent 7 years.

DESIGN 36,038. BAG-FRAME. SIDNEY A. KELLER, New York, N. Y., assignor to Marcus T.



Goldsmith, New York, N. Y. Filed Sept. 21, 1901. Serial No. 76,078. Term of patent 3 1/2 years.

DESIGN 36,039. PAPER OR DRAPING



WEIGHT. AARON LEVAUR, Philadelphia, Pa. Filed July 11, 1902. Serial No. 115,347. Term of patent 14 years.

**EXPIRED PATENTS.**

[Reported specially for THE JEWELERS' CIRCULAR-WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C., who will furnish complete copies of patents at the rate of 10 cents each.]

Issued Sept. 1, 1885.

- 325,247. STEM-WINDING WATCH. A. E. HOTCHKISS, Cheshire, Conn.
- 325,296. APPARATUS FOR RECESSING WATCH DIALS. E. D. WETHERS, Waltham, Mass.
- 325,325. PENCIL-CASE. JOHN DICKER, Newark, N. J.
- 325,402. STOP-WATCH. FREDERICK FITT, Chaux-du-fonds, Switzerland.
- 325,433. WATCH-CASE. VICTOR NIVOIS, New York, N. Y.
- 325,485. DIAMOND-SETTING. CHRISTIAN BLANCARD, New York, N. Y.
- 325,506. STEM-WINDING AND SETTING WATCH. C. P. CORLISS, Elgin, assignor to the Elgin National Watch Co., Chicago, Ill.
- 325,515. HAIR-CURLER. EMIL ELZENHEIMER, Toledo, O.
- 325,536. STEM-WINDING ATTACHMENT. G. E. HART, Waterbury, Conn.
- 325,543. JAPANNING WOODEN CLOCK CASES. EDWARD INGRAHAM, Bristol, Conn., assignor to the E. Ingraham Co., same place.
- 325,568. STEM-WINDING WATCH. H. A. T. REINECKE, Thomastown, Conn., assignor to Seth Thomas Clock Co., same place.
- 325,594. STEM-WINDING AND SETTING MECHANISM. E. B. DOUGLASS, Cortland, Ind.
- 325,602. BALANCE-WHEEL. C. S. GUERNSEY, Waterbury, Conn.
- 325,603. WATCH-BARREL. C. S. GUERNSEY, Waterbury, Conn.
- 325,604. WINDING ATTACHMENT. C. S. GUERNSEY, Waterbury, Conn.
- 325,605. MANUFACTURE OF WATCH-BALANCES. C. S. GUERNSEY, Cheshire, Conn., assignor to Cheshire Watch Co., same place.
- 325,632. ENVELOPE-MOISTENER. ELISHA RYDER, Hartford, Conn.



## Retail Jewelers' Advertising.

[This department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters full and particular as desirable. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed some weeks. Address all letters and other matters to THE JEWELERS' CIRCULAR PUB. CO., 11 John St., corner Broadway, New York.]

### Advertisements for the Fall Wedding Season.

LAST week's issue of THE CIRCULAR—WEEKLY contained an article on the advertising of wedding stationery, the sale

## Visiting Cards.

The visiting card of today is a revival of the fashion of thirty-five years ago when the shaded English letter was generally used.

Script and Roman are still the preferences of many. All styles and sizes of cards.

**J. B. SAMSON,**  
322 E. Orange St.

## Wedding Stationery.

*Artistic.  
Elegant.*

The sizes of invitations are slightly smaller than those of previous years.

Script is the approved style of engraving but the shaded old English is often preferred.

Samples now being shown by

**J. B. SAMSON,**  
322 E. Orange St.

to increase the sales of his stationery department by timely advertising.

In such advertising the jeweler should not lose sight of the fact that he has strong

## Wedding Stationery

—distinctive in character and style.

The highest achievements of the engraver and printer are seen in these examples.

*Wedding Invitations,  
Announcements,  
At Home and  
Visiting Cards.*

An early selection is recommended to prevent possibility of disappointment.

**J. B. SAMSON,**  
322 E. Orange St.

## Wedding Invitations,

bearing the Samson imprint possess an individuality peculiarly their own.

The stock, engraving and printing appeal to the cultivated eye and refined taste and give to these examples a charm that the ordinary can never possess.

**J. B. SAMSON,**  
322 E. Orange St.

which will be greatly enhanced by the all wedding season.

In this issue four original advertisements are published, which may offer some valuable suggestions to the jeweler who wishes

competition in this line in the department store, etc., and consequently should be able to declare honestly the superiority of his grade.

Of course, any arrangement or style of

type may be used, although the simple style shown herewith seems to be sufficiently bold to attract attention. The use of less space, however, would not be commendable in the ads.' present form.

### Street Car Advertising.

THE retail jeweler is often at a loss to know in which media to advertise his wares. He is asked every now and then to take space in festival programmes, time tables, etc., but these are often of more or less doubtful value.

Undoubtedly the best medium for the retail jeweler is the best newspaper in his locality. Next in importance—aside from his circular letters, booklets, etc.—is street car advertising.

The street car in almost any city carries hundreds and thousands of passengers daily and the majority of these persons pass their time reading the advertisements as they appear in the advertising space.

The car cards form a connecting link between newspaper and outdoor display and are of much greater value than the small display signs which jewelers place along country roads because they permit of a reasonable amount of detail and still allow the boldest display. Jewelers into whose cities rural trolley lines center here have an excellent opportunity for reaching the people from the suburbs and adjacent country.

This method of advertising to country people is superior to the small sign along the road because the passenger is sitting quietly and has the time to read the whole announcement because it moves with him.

No effort should be required to read these cards, as the type usually is of a large size and the advertising space is in such a position that almost any advertisement can be seen from any seat in the car.

Another advantage to the jeweler is that the space will permit of uniform sized advertisements only and there is no danger of his being crowded out or overshadowed by a large department store card.

Almost all advertising, if properly chosen and judiciously used, will be profitable, but for the retail jeweler who desires to get the greatest returns the mediums above all others to be used should be the best newspaper and the street car card.

### Publicity.

MARY had a little lamb—  
You do not look surprised;  
Of course you don't, for Mary has  
Been widely advertised.

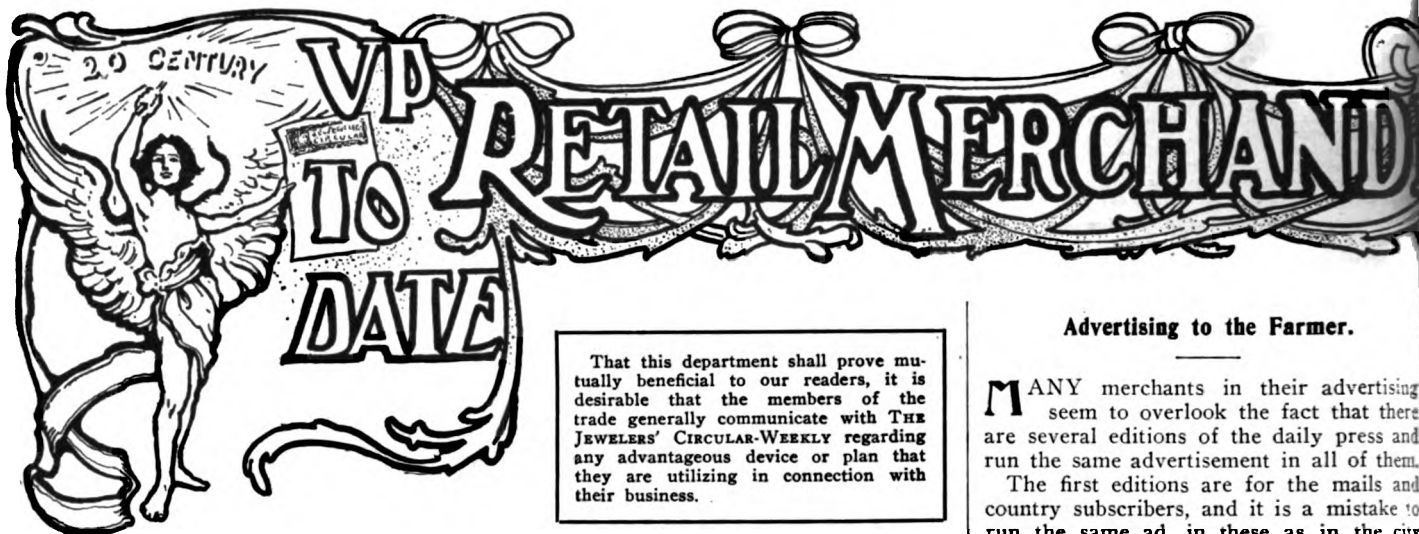
And something you may learn from this  
If you are not a clam—  
You can be just as widely known  
As Mary and her lamb.

Your name can be a household word  
And you be known so well  
That folks will confidently buy  
The things you have to sell.

And when you once have got yourself  
Into the clearing rays  
Of the sunlight of publicity  
You bet your life it pays.

—N. Y. Daily News.





That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with **THE JEWELERS' CIRCULAR-WEEKLY** regarding any advantageous device or plan that they are utilizing in connection with their business.

#### PRIZE ESSAY COMPETITION, NO. 8.

##### SUBJECT:

**"How to Install a Stationery Department in a Jewelry Store."**

**T**HE question of "How to Install a Stationery Department in a Jewelry Store" is one of the utmost importance to the jeweler and one worthy of receiving careful and deep consideration. Not only is it beneficial in a financial way in its own line, but whatever attracts trade to a store in one department is bound to wield a patronizing influence on other lines in the same storeroom.

By the use of a little tact this line may be made a paying investment and almost any well ordered jewelry store can spare room for a stationery department. If space can be arranged or spared somewhat near the front of the building, say on the right or left, as you enter, a good trade would soon be the result, for in carrying goods not in your exact line they must be made even more conspicuous and attractive than those in your exclusive line; otherwise they are apt to be overlooked and neglected.

Now, having selected the place where you wish to display your goods in this line, arrange your show cases so as to form a kind of enclosure and then arrange it in the form of a booth. Have some thin strips of lumber made the proper length, some that are flexible, and bring them all to the same place on the ceiling, spreading them out at the bottom to suit your taste. These are to be covered with bright colored paper strips, twisted and terminating in a fringe. This arrangement then takes on the form of a Chinese pagoda, and makes a very pretty appearance when the cases are filled with the beautiful stationery so much in vogue at the present day.

All the prettiest papers should be selected and they come in such a variety of styles, colors, sizes and prices that this is not a hard matter to accomplish. Letter paper with monograms, paper with a spray of delicate forget-me-nots streaming across a sheet of cream white and beautiful shades of mauve, ash gray, azure, Wedgwood blue, Scotch granite, in cloth suède and

ripple finish, are only a few of the varieties which this line affords.

Next take from your jewelry line all the goods which in reality belong in a stationery department, such as letter seals, paper cutters, stamp boxes, ink stands, gold pens, etc. Then have a neatly printed placard placed in a conspicuous place in the front of the booth, saying that all letter seals will be engraved free of cost, also that you engrave calling cards, wedding stationery, etc. This is where the jeweler shines in this line, for if this work is done at all the jeweler must do it.

Having arranged all to your satisfaction, with such accessories as you may deem preferable procure some of the daintiest paper and envelopes from your stock and mail them to your lady friends and customers with a few neatly written lines on them which should read something like this:

"Our ancestors were content to do their correspondence upon a piece of birch bark, with a quill pen, from the old goose, as an accessory. Not so the present generation. We carry a full line of the most up-to-date stationery, calling cards, letter seals, gold pens, fountain pens, etc. Also engrave calling cards, wedding stationery, etc. When down town visit our store and convince yourself that our line is artistic and complete."

I might further add that the articles which can be carried in this department are varied and embrace a larger field than would be thought of on first consideration, as all kinds of fancy colored inks, pencils, card cases, etc., are embraced in this line.

A. Y.

Know all about the subject before you attempt to write the advertisements.

Knowledge is a valuable asset to the person who knows how to use it—otherwise it may prove a detriment.

Keep your nerve under control in the face of good or bad circumstances—one is as important a time as the other.—*Advisor.*

#### Advertising to the Farmer.

**M**ANY merchants in their advertising seem to overlook the fact that there are several editions of the daily press and run the same advertisement in all of them.

The first editions are for the mails and country subscribers, and it is a mistake to run the same ad. in these as in the city edition, because what appeals to the city trade often does not appeal to the country trade and vice versa.

As the retail jeweler draws much of his trade from the country he should pay particular attention to the advertisements which he inserts in the first editions of the daily paper as well as those which appear in the weekly and semi-weekly. If retail jewelers would advertise more extensively to their country trade and change their announcements frequently there would not be so many "fakirs" traveling through the country districts peddling spectacles, etc., for which they charge exorbitant prices. This is possible only on account of the lack of knowledge on the part of the country people and not from the fact that they like to be humbugged.

As before stated the jeweler himself possesses the remedy for this state of affairs if he will but advertise his business in the papers which go to the country so that the people will know of his goods and prices and thus when a "fakir" appears they will realize that they can trade more advantageously with the established jeweler.

If the jeweler will take the pains to secure some of the agricultural papers which circulate throughout his territory and note the watch advertisements therein and supplement them with advertisements of his own in the first editions of the daily paper and in the weekly and semi-weekly papers, he will find that it greatly increases his watch and watch repair trade with his country customers.

In these ads. he should call attention to the advertisements appearing in the agricultural papers and to the fact that he carries a complete line of the watches as therein advertised. That advertising to the farmer pays has often been proved and the wonder is that retail jewelers have not been more thoughtful about their manner of doing it.

It may be interesting to know that some years ago the manager of two agricultural papers asked the subscribers of the two papers a number of questions in order to ascertain the class of goods that were being bought and used by farmers. Two questions were asked about watches, as follows: "Have you one or more American made watches and of what make?"

The answers showed that in the families of 2,143 farmers who replied to the ques-



# Gand HINTS to JEWELERS

ions there were 1,391 Elgin watches, 588 Waltham watches and 787 of other makes, such as Dueber, Hampden, Rockford, etc., total of 2,766. The list showed only 44 Waterbury and 9 Ingersoll watches, which shows conclusively that farmers do not buy cheap watches as a rule.

It is therefore evident that it is only a matter of education and as is well known, the Elgin company have been large users of space in agricultural journals and up to the time of the above showing the Waltham company had not. Since that time they have changed their policy and there is hardly a doubt that they have profited by the change.

The above record goes far toward proving that watch advertising to the farmer pays, as that of anything else that he needs will, and the wise retail jeweler will make the most of his opportunity. J. G. K.

## Accumulating and Disposing of Old Gold

**F**EW persons realize the amount of gold and silver that is lost annually in the average jewelry store. The loss is not of manufactured articles, but of the scraps, filings and polishing dirt that is carelessly handled or possibly is not saved at all. The amount of precious metal in the filings and polishing dirt of most jewelers will amply repay the trouble of collecting and sending it to a refiner every year or so.

A retail jeweler some time ago sent a three years' accumulation of filings from his work bench and the dirt from his polishing lathe to a refinery and was very agreeably surprised to receive a check for over \$100 for his consignment.

In large and small factories the floor sweepings, etc., are collected and sent to the refiners. The water in which the employes' aprons and hands are washed is passed through a series of barrels, where the precious metals sink to the bottom. The particles of metal are so minute that they are not discernible in the mud-like substance. This is gathered up and placed in strong bags and then boxed for shipment to a refinery.

Filings, plated goods and polishing dirt should be sent to a refiner, but the jeweler who buys old gold, etc., will find it greatly to his advantage to send this gold to the U. S. mint, where it will be refined very much more cheaply and consequently his returns will be greater than he would receive elsewhere.

In proof of this fact the writer knows a retail jeweler whose consignment of old gold consisting of spectacle frames, watch cases, old jewelry, etc., amounted to \$227.10, and the charges for refining and separating

amounted to but \$1.52. For the benefit of those jewelers who purchase old gold etc., there is published herewith the regulations signed by the Mint Superintendent, John H. Landis, governing the disposal of the same at the U. S. mint.

Gold is received at the mint of the United State at Philadelphia, Pa., in the following forms, viz.:

Bars, lumps, grains and dust in their native state, free from earth and stone, or nearly so.

Amalgam with the quicksilver expelled. Foreign coin, United States coin issued before 1834, and United States coin abraded beyond  $\frac{1}{2}$  per cent. for 20 years of circulation, and defaced United States coin.

Jewelry, dentists' plate, bars, kings, etc., which should be free from base metals; otherwise subject to loss in refining. Filled or plated ware is not accepted.

Bullion unsuitable for the operation of the mint and deposits of less value than \$100 refused.

To produce a value of \$100 would require in native gold from six to eight ounces Troy weight.

For bars from 750 (18 karats) down to 333 $\frac{1}{3}$  (8 karats), from seven to 15 ounces would be required.

Base bullion containing less than 300 parts of gold per thousand will be refused.

Deposits of gold are paid for in currency (gold, silver or paper) or in bars, but not by check or draft. If the deposit contains silver the value of such silver will be paid to the depositor at the price fixed by the Director of the Mint in silver coin.

A charge of \$1 will be imposed on each deposit, except United States coin.

The charges for refining and separating silver from gold are only the actual cost, varying from 1 $\frac{1}{2}$  to 5 cents per ounce. For toughening  $\frac{1}{2}$  to 2 cents per ounce.

There is no coinage charge.

Two cents per ounce is charged for the copper used for alloy.

The charge for making fine gold bars is five cents per \$100.

United States coin of \$10 and under, struck before 1834, will produce, at the mint, about six per cent. more than their face value.

An ounce Troy of pure gold is worth \$20.67.

A receipt is given for each deposit, which deposit is kept entirely separate until after it is melted, assayed, and the exact value ascertained, based on the weight after melting.

Deposits are usually paid on the third day after they have been received.

The mint recognizes no one as a depositor except the person who presents the bullion at the mint.

Persons at a distance can employ the express companies or their business correspondents to deposit for them. No one connected with the mint is allowed to make such deposits.

When forwarding by express always send instructions with the package, giving the weight of the bullion sent, and have name and place of business or residence plainly printed or written on the outside of the package.

For the purpose of enabling the mint to give correct statistics depositors of bullion in native forms are required to state from what State, Territory or country it is derived.

## A Wedding Gift Window.

**T**HE wedding season demands for this Autumn promise to equal those of other years and the jeweler will do well to be fully prepared for them.

China, cut glass and sterling silver are the gift articles usually chosen and these should be early and prominently displayed. The best means of doing this is to have an attractive window display. A display of this kind can be given if the jeweler will place a table in the window, or if this is not possible he can elevate a large board the size of a table top several inches from the floor. This should be covered with a blanket or padding and then covered with a fine linen tablecloth.

On this table should be placed various articles as they usually appear at the home of the bride when the gifts are displayed to the assembled guests and friends.

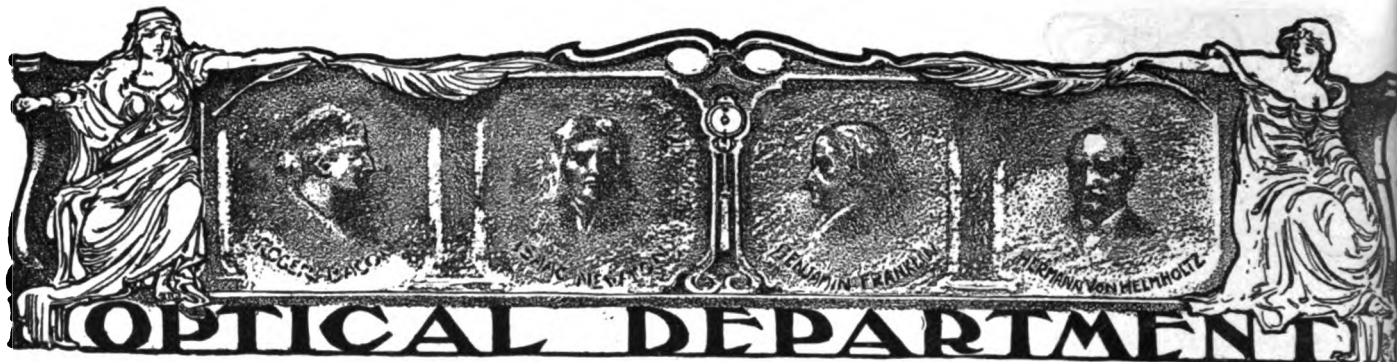
In or with each article should be placed a card bearing some little suggestive legend, neatly and legibly written. Don't give prices in a display of this kind. The articles displayed will, if supplemented with good newspaper advertisements, attract attention and many persons, especially men, will appreciate a display of this kind, for it will suggest gift articles that otherwise would not be thought about.

## Phil. Osophy's Chatter.

**E**VERY man must blow his own horn nowadays, and judicious advertising is the great horn that enables many to make themselves heard in the din of competition.

The retailer who carries the new goods is the one who succeeds, and the one who succeeds is the one who glances over the ads. in thriving trade papers, which are literally catalogues of the newest of the new. A salesman can show you only the line of goods which he represents, while the trade paper gives you the cream of the whole trade.





CONDUCTED BY GEORGE A. ROGERS.

### Minnesota State Optical Association Elects Officers at Second Annual Meeting.

MINNEAPOLIS, Minn., Sept. 4.—The second annual meeting of the Minneapolis State Optical Association was held, to-day, in the parlors of the West Hotel. The election of officers resulted in the selection of the following: President, Frank L. Wilson, Mantorville; first vice-president, John M. Chalmers, Lake City; second vice-president, A. M. Harper, Renville; secretary, C. A. Snell, Minneapolis; treasurer, L. L. DeMars, Minneapolis; director, Emil F. Huhner, Stillwater.

The afternoon was devoted to the reading of papers and to blackboard demonstrations. In the evening an elaborate banquet was served, which was attended by members and guests, including several ladies.

### Optical Catalogue Received.

LEONARD KROWER, manufacturing optician and jeweler, New Orleans, La., is distributing to the trade a 74-page optical catalogue  $10\frac{1}{2} \times 7\frac{1}{2}$  inches. The cover is a subdued shade of gray set off by a tasty border in red on one side and containing on the other side in bold red the word "Opticians," rendered doubly attractive by a reading glass design in black type which is represented as magnifying the word "Opticians." The optical cuts, which are used abundantly, are well chosen and arranged.

### Optical Notes and Briefs.

Dr. Röntz, optician, Portland, Ore., has opened an office at Forest Grove, Ore.

Prof. Samuel S. Grant, optician, has returned to Montreal after a brief visit to the New England States.

Mr. Chapman, formerly with H. F. Whitman, optician, Honolulu, H. I., is a visitor in San Francisco, Cal.

A. J. Bailey, optician, formerly with A. O. Warner, Fresno, Cal., is now with S. P. Bailey, in Los Angeles, Cal.

F. W. Prescott has opened an optical department in the new Jefferson Arcade on Washington St., Boston, Mass.

Under the new ownership of the optical business until recently conducted by Simons Bro. & Co., Philadelphia, Pa. Wm. G. Atherholt will be retained as manager.

The first Fall meeting of the New England Association of Opticians will be held at Young's Hotel, Boston, Mass., on the

evening of Sept. 16, at which time will be heard the report on the recent convention held in Boston. The name of the speaker will be announced later.

S. Lubin, optician, 21 S. 8th St., Philadelphia, Pa., is making extensive alterations and improvements in his store.

W. C. Abbott, Birmingham, Ala., has returned from a trip to New York, where he took a post-graduate course in optics.

Dr. Daniel Rosche, who for five years has practiced as an optician in Denver, Col., has opened a suite of offices at 48 West Park St., Butte, Mont.

Herbert C. Watts, Syracuse, N. Y., is attending the annual conclave of Knights Templars at Saratoga as a member of Montreal City Commandery, No. 25, K. T.

The Houghton-Hardy Optical Co., 27 Jewelers building, Boston, Mass., has recently made additions to its floor space, and in the near future expects to further increase it.

Frank R. Smith, optician and watchmaker at McClelland & Becker's, Syracuse, N. Y., has removed to Buffalo, which he will make his headquarters while doing optical work in nearby towns.

Myer Myers, optician, living at 506 S. Crouse Ave., Syracuse, N. Y., was severely bitten by a vicious dog at South Lyons, N. Y., on Friday. Mr. Myers had the wounds, which were in the right leg, cauterized without delay.

There is a movement on foot among San Francisco opticians to secure shorter hours. The business is such that early and late hours are unnecessary. The hours that they expect to secure are from 8.30 to 5.30. There are not more than one or two employing opticians who do not desire these hours, and there is little doubt but that the hours will be shortened.

The charge against Albert C. Lord, of Tilton, N. H., alleging embezzlement of \$25,000 from the firm of Lucian W. Bugby & Co., lens manufacturers, of Tilton and Boston, has been dismissed. The decision rendered was that one partner in the firm could not knowingly maintain a complaint of embezzlement against another until the partnership had been closed and settled.

The entertainment committee which had in charge the arrangements for the recent convention of the National Association of Opticians is in receipt of many letters from various parts of the country, complimenting the Boston trade for the most successful way in which the programme was carried out. There seems to be a general feeling that much good was attained as the result of the meeting, to all branches of the trade.

### Prize Dioptric Quiz.

TO give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set having appeared Aug. 13. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the 15th set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list having been printed in issue of Aug. 13—will be made to those whose solutions are next in order serially.

### Official Answers to Fifteenth Set of Problems.

ACCORDING to the conditions under which THE CIRCULAR-WEEKLY's Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the fifteenth set of questions (published July 9, 1901) follow:

#### ANSWERS TO FIFTEENTH SET.

71. (a) Would appear larger, not nearer.
- (b) Would appear twice actual size.
72. 3.50 D. acc.
73. Yes..
74. Yes. 1 D. acc.
75. (a) 2 D. acc.

### Red and Inflamed Eyelids.

RED and inflamed lids, lids which look as though the person had been keeping very late hours, says a recent periodical, and lids which have little crusts formed during the night at the root of the eyelashes are usually an indication of a low degree of astigmatism. In some cases no relief is had for this condition till proper glasses are procured. A large proportion of the cases, however, will be cured by the following ointment: Yellow oxide of mercury, three grains; yellow vaseline, one-half ounce; mix thoroughly and apply a very little to the edge of the eyelids each night.

R. R. Hall, the shipping clerk of the California Optical Co., San Francisco, Cal., is achieving quite a reputation in bowling. He is winning a number of prizes and nearly broke the State record the other day.



# PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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[COMMENCED IN ISSUE OF AUGUST 20, 1902.—PART IV.]

## CHAPTER II.

Two sets of terms of frequent occurrence in optics are often used interchangeably, though such use is not warranted in many cases. These terms are the terms *convex* and *concave* and the terms *positive* and *negative* or *plus* and *minus*. It is important, in dioptrics, to have a clear distinction between the two sets of terms. Convex and concave are terms applying to the *surfaces* of lenses. Positive and negative are terms applying to the *action* of lenses. A curved surface which lies between the eye viewing it and its own center is called convex. One whose center lies on the same side of the surface as the eye, is called concave. So, whether a surface be convex or concave depends upon its aspect to the observer, or to the observer's point of view. In the figure below (Fig. 5) we show two eyes viewing the same curved line from opposite directions. To the eye to the

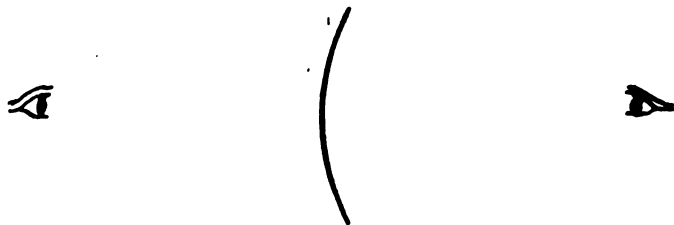


Fig. 5.

left it is a convex curve, but to the eye to the right it is concave. But, if two eyes view a biconvex lens from opposite sides as shown in the figure below (Fig. 6), each eye sees a convex surface, but each is seeing a different surface. To each eye the nearer surface is convex, but the farther surface is concave. However, as one person views but one side at a time, and that side is, at the time of the viewing, convex to it, we call the lens a biconvex lens. For

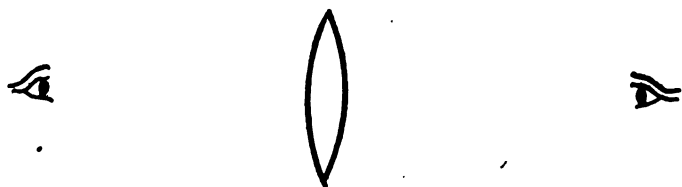


Fig. 6.

the same reason we call the lens shown below (Fig. 7) a biconcave, although the farther surface is convex to the eye. No surface of a lens is positive in curvature. As we have said, positive and negative are terms applying to the action of a lens. The action of a surface is not determined, in character or amount, by its curvature

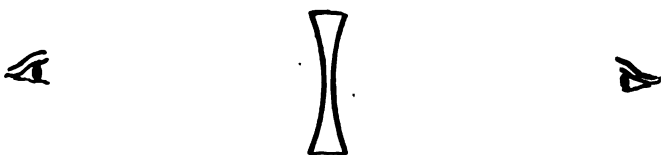


Fig. 7.

only. It may be positive or it may be negative, depending upon what form of light it receives. But a so-called biconvex lens is usually positive in action—that is, under ordinary circumstances—and that has led to the mixing of the terms in an unwarrantable manner. The terms plus and minus should not be used to apply to the surfaces of a lens, unless under qualifications, nor to any static curve.

## DYNAMIC CURVES.

With the dynamic curves, like the spherical waves of light, the case is different, for the waves not only have curvature, but *motion* as well. Such motion is carrying them either farther from or nearer to their center. We call those

### Natural Waves of Light.

waves which are proceeding away from their centers, as natural waves do, positive or plus. On the other hand, waves whose direction of propagation is toward their center (these are not natural waves, but waves produced by the action of a plus lens or concave mirror) are called negative or minus in curvature. We take it for granted that the student understands that light emanates always from points; that it is propagated, or moves through space, in the form of waves or undulations: that these waves are, in a homogeneous medium, spherical in form, and therefore at right angles to their direction of propagation. The lines of direction which the waves pursue are mere mathematical quantities and not an element of the force. If a stone is thrown into a pond of still water, starting a series of waves toward the shore, it illustrates the manner in which light passes out into space from a point, except that light waves are invisible, they go out in all directions instead of in one plane, their velocity is immeasurably greater and wave action is quite different no doubt. As it is these waves of water (and not the lines of direction which the waves are pursuing) that cause the lily pads to undulate upon the surface so it is the waves of light that produce optical effects. They are the real force. The importance of this fact cannot be overestimated. The undulatory theory of light is often represented by wavy lines extending from a point to represent the ray, and that representation is misleading, not only because it is untrue, but because it diverts attention from the larger or broader waves of which they are but a part.

## PENCILS OF LIGHT.

In optics we never have to do with an entire spherical wave, but only with very small sections usually of each wave and series of waves. A pencil of light consists of a succession of these small sections of spherical waves, all emanating from one point, that pass through a common opening or reach a common surface.

### Light from Points.

While the pencil is fixed in position, or may be, the waves that compose it are not. Unceasing and with a velocity almost beyond comprehension, they continue to pass from the point of emanation outward. While we are not ready at present to consider the length and amplitude of these little wavelets, it may be said that billions of them pass a given point in a moment of time, and with a velocity of 186,400 miles per second. It should be borne in mind that a wave—even a wave of water—does not ever consist of either a crest or hollow alone, but of crest, hollow and the two opposite slopes. In this respect a wave is like the oscillating pendulum, having two culminating points at which it turns in the opposite direction, but motion between the two. As the crest and hollows move with the wave, so also do the slopes, and each wave occupies, in succeeding moments, every position from the point of emanation outward. As they advance each wave takes on the form of its predecessor when at the precise location of that predecessor. To study one wave at a given distance from the point of emanation is therefore to study all waves from the same point at that distance. In the accompanying figure (Fig. 8) let *A* be the point of emanation and let the arcs drawn represent waves.

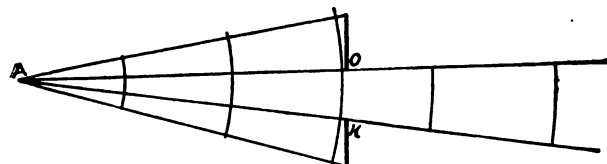


Fig. 8.

It is plain that these waves may be considered either (1) as successive waves from the same point *A* or (2) as one wave in its successive positions from moment to moment. For analytical purposes the sec-



and supposition is preferable, for it gives us but one thing to study. The arcs drawn do not represent all of its positions in this space. It fills at successive instances all of the space from *A* outward to infinity. Nor do the arcs drawn represent distinctly crest or hollow, but either or any corresponding positions on a slope.

#### MAJOR AND MINOR PENCILS.

The pencil represented above—all that passes through the opening *O K*—may be regarded as a *major* or including pencil. If a wire netting were put over the opening *O K* it would separate the major pencil into as many smaller ones as there were openings in the netting. We may regard the major pencil as made up of *minor* pencils whether the netting is there or not. A *minor* pencil is merely a smaller section of a larger pencil. The smaller pencils are fractional parts of the larger one. Each is made up of

#### Rays of Light.

precisely the same waves, but of more or less extended sections of them. We can conceive of a major pencil being subdivided and resubdivided in this manner until the smallest conceivable pencil is obtained—a pencil so small that it forms practically a mere line of light. Such a minimum pencil is called a *ray of light*. It is something more than a mere line of direction, for it is a physical element of light. As such it consists of waves so minute that they are practically points. But as such points they are still sections of the same waves that compose the major pencils and partake of all the properties, except extent, that pertain to those waves which compose it. As each point in nature is a point from which light emanates, provided light can get to that point or is generated at it, all points come under the one classification. To study one wave from one point is to study all waves from all points, except in the matter of their source and direction of propagation at any given common point. These facts simplify the study of optical phenomena greatly.

#### POINTS OF EMANATION.

The points from which light emanates are of two kinds: *luminous* (incandescent) and *opaque*. Luminous points are points at which light is generated. Opaque points are merely points of reflection. Both classes of points are *points of origin* for spherical waves. The only important difference between them is that at luminous points we have the very beginning of the light generated. A luminous point sends forth its own light. Opaque points are *secondary*. As they receive the light from all directions and reflect it in all directions they are, in irregular surfaces (1) points at which all wave series are broken up and *disorganized*, and (2) points at which the disorganized impulses are *reorganized* into new series of spherical waves. They are points of *reaction*. If these points are arranged with reference to each other, so as to reflect light regularly or not to disorganize the series of waves coming to them, as in the polished surfaces of *mirrors*, the waves are merely changed in their *direction of propagation*, and continue in waves of the system or the point from which they come to the mirror. Opaque points depend upon points of generation, as they have no light of their own to give out. Light is the mere propagation of vibratory motion, generated at points. These points of generation are never single, but consist of an indefinite number of luminous points closely assembled. The entire luminous surface is known as the *luminous area*, the body that is incandescent as the *luminous body*.

#### NOTATION OF CURVATURE.

As light always emanates from points and proceeds away from such points of emanation, naturally evolving waves are always positive or plus in curvature. Regarded from the standpoint of the observer who is viewing the point from which they emanate, they are *convex*. In passing from a point out into space waves undergo natural modification in three ways:

1. In *extent* they increase.
2. In *intensity* they decrease.
3. In *curvature* they decrease.

In extent they increase directly as the *square* of the distance. In intensity they increase *inversely* as the *cube* of the distance. In curvature they increase *inversely* as the distance. The second

#### Dynamic Changes.

statement is contrary to the law that has prevailed for many years in making the ratio as the *cube* instead of the *square* of the distance. We will endeavor to show that the *cube* is correct, for light loses force in two ways: (1) by its greater extent, which is as the square of the distance, and also (2), by regular depletion of force in traversing space, which is as the distance. The latter is the distance used for the third time as a factor and makes the law as stated above.

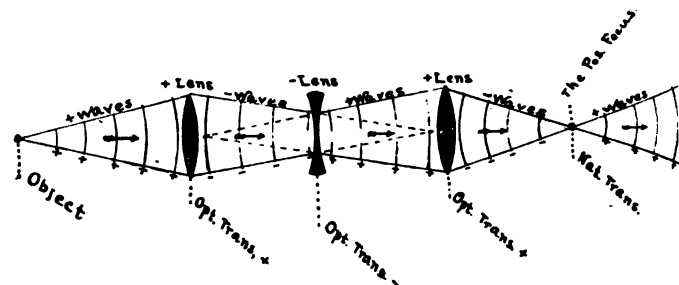


FIG. 9.

But negative or concave waves upon their way to their center of curvature vary reversely in the same three ways:

1. In extent they decrease.
2. In intensity they increase.
3. In curvature they increase.

When a series of waves proceeding from the same point are by the action of a lens or mirror reversed in curvature from plus into minus waves, the center of curvature takes a new position in advance of the waves. This is *optical transposition*. Natural evolution or propagation then, since the waves are advancing toward their center, causes them to increase in curvature. At the center, at which they arrive, their extent is zero, but their intensity and curvature are infinite. Such a center is called a *focus*. If nothing reacts upon the waves at such point they become, by passing their center, plus waves. This is *natural transposition*. It is the assemblage or congregation of the foci of many pencils from the object that forms the image.

#### PROBLEMS.

1. Light waves emanating from a point are of what curvature at 8 in.? at 16 in.? at  $\frac{1}{2}$  in.? at 4 decimeters? at 2 hectometers?
2. Light waves proceeding toward a common center have what curvature at 10 in.? at 12 in.? at  $26\frac{1}{2}$  in.? at the center? 1 millimeter beyond the center?
3. If a wave of light is + 100 c. what curvature does it lose in going 1 decimeter? 2 d.m.? 3 d.m.? 4 d.m.? 5 d.m.? farther?
4. In proceeding toward its center or focus what curvature is gained in going from 20 in. to 10 in.? from 10 in. to 8 in.? from 8 in. to 5 in.? from 5 in. to 4 in.? from 4 in. to the center?
5. At what distance from its center is a + 20 c. wave? a - 100 c.? a + 80 c.? a + 25 c.? a - 1000 c.? State whether the wave is moving toward or away from its center?
6. If a wave of + 20 c. is intercepted by a surface of glass which is convex and has a curvature of 10 c. what is the total curvature at meeting?
7. If a convex wave of + 10 c. meets a concave surface of 20 c. what is the total curvature at meeting?
8. If a + 8 c. wave emerges from a convex surface of glass of 10 c. what is the total curvature at the surface of emergence?
9. If a - 4 c. wave emerges from a concave surface of 4 c. what is the total curvature at the surface of emergence?
10. Do waves of light ever become static (stationary) in curvature? Whatever your answer, support it by reason.

(To be continued.)



## Optical Department.

### Optical Legislation.

*Paper read by Harry P. Holmes, Des Moines, Ia., before the Convention of the American Association of Opticians, held at Boston, August, 1902.*

Optical legislation, particularly in Iowa, is becoming quite a proposition. A law regulating the practice in optometry is a thing that practically all members of our profession believe to be, not only right and proper, but, to a certain degree, necessary. The fact that we love our profession, that we take a just and pardonable pride in it, and that we are doing a great and good work, is not, in my judgment, a good and sufficient reason why we should take it upon ourselves to revolutionize the whole system of law-making and board creating. Pride in one's family, in one's personal attainments and in one's chosen profession, is indeed commendable.

We must remember, however, that ours is not the only family; there are others with attainments; and professional pride goes with every profession. While many of us have put a considerable amount of time and study, as well as money, into our education, we must look the facts squarely in the face and admit that the average practitioner of optometry has devoted less time to preparation than the average dentist, pharmacist or veterinary surgeon. Deny this, if you choose, but facts are facts, and on thoughtful consideration you will have to admit it.

What would you think, gentlemen, of a dentist who would insist that the physician must pass an examination before the dental board before he could pull your tooth? What would you think of a pharmacist who insisted that a physician must pass an examination before the pharmacy commission before compounding the dose he gives his patient? One of the ex-officers of the Iowa Association of Opticians said more than a year ago, while still holding an office in our society, and has since reiterated the statement, that he had rather see our proposed bill fail to become a law than to have it exempt the physician from taking an examination before the Board of Examiners in Optometry.

Gentlemen, do you realize that the more the dentist educates himself the less tooth pulling the doctor does? That the more competent the pharmacist becomes the less the compounding of drugs by the doctor? The laws that have been passed regulating the practice of medicine, dentistry and pharmacy, have made these professions what they are to-day. Despite the tirades made upon him by the ex-secretary of the Iowa Association and a certain optical college professor, the physician of to-day is not only a tame and docile domestic animal, but a bright, sensible, up-to-date individual. He has demonstrated, over and over again, the fact that when someone appears upon the scene who can do a certain thing better than he can, he is glad of an opportunity to hand it over to that person to do. He has troubles enough of his own without usurping the rights of the dentist or the pharmacist.

To those practitioners in optometry who are so awfully sore as to make themselves conspicuous for their jealousy and selfishness, let me say—educate yourselves so that your work will speak for you, be courteous alike to the members of your own and other professions, and the time will come when the physician will be glad to turn his refracting over to you.

To college professors who "holler their heads off" at this same profession, which is gradually turning over its special work to specialists, let me say, for God's sake, pay more attention to educating students and less to picking fights and setting people against each other who ought to be the best of friends, and you will rest better nights.

Go into any community in any State in the Union where medical practice acts, dentistry and pharmacy laws are enforced, and you have the feeling that any practitioner of any of these professions is competent to handle your case. Is this true of our profession? Certainly not.

Then why are not such laws as govern these professions good enough for us? The doctor who fits spectacles is not usurping our prerogative any more than the doctor who pulls a tooth encroaches upon the territory of the dentist. Everything that tends to conduce to the relief of human ills originally belonged to the physician and surgeon.

The dentist and the pharmacist came to the

doctor and said: We have prepared ourselves to take the pulling and filling of teeth, and the compounding of drugs off your hands. When your patients need these offices performed send them to us." He didn't take to this as kindly at first as might have been hoped, but as time went on and these people proved themselves competent, he gladly turned this work over to them.

Some say, "Educate yourselves and you need no laws." Personally, I feel that I need no law, but if a law such as we prepared and introduced into the legislature of Iowa last winter, existed, I would know, and you would know, that every new practitioner who located in our respective neighborhoods, was thoroughly posted and up-to-date. If we didn't keep up with the times, our new competitor would soon have the business. Knowing human nature as I do, I know the rank and file will not educate itself until it has to. So, I say, make the law first, then we will have to educate ourselves or get out of the push. The Minnesota law, which has been in force for some time now, which is framed almost exactly as was our proposed Iowa law, and which treats the physician with the respect due him, is a success.

Mr. Upham, of the Minnesota Board of Examiners, tells me the law is working admirably in his State, and that the examinations put up by applicants for certificates, are most gratifying.

If you know the condition of the medical profession before laws were passed governing and regulating it, you know that the enactment of such laws by them is the only thing that could make optical legislation possible. The troubles that they had, the time and money that they spent, have prepared the way for the dentist, for the pharmacist and for us.

The results accruing from these laws, in my judgment, have proven their wisdom, for, regardless of the fact that some of the opposers of optical legislation appear to think that to be a physician is to be a fool and a criminal, I still have the hardihood to assert that the progress made by that profession within the last few years has been phenomenal, and that this progress and that of the dental and pharmaceutical professions has been made possible by just such legislation as we asked for in Iowa last winter.

The president of one of our optical colleges, who deprecates all known practice—acts and opposes all optometry laws that have ever been prepared by anyone except himself, has compounded and published a proposed law for us that he says is all that could be desired.

You ought to see it. Among other fool things, it provides that the optician must give to every patient a written statement as to just what the glasses will do for his particular case, and if they fail to do so, his money must be refunded. This law, in my humble judgment, is as erratic, impractical and dangerous as its brilliant, but poorly balanced author. Its results would be as demoralizing as would the carrying out of his monstrous ideas of morality, social evils (or lack of evil), government and religion.

A law should be so designed as to work no hardship upon those practitioners who have been conscientiously practicing to the best of their knowledge and ability for a reasonable time previous to its passage. It should not deprive the legitimate merchant from selling spectacles as an article of merchandise, or such elderly people as wish to buy them, as they would a pair of shoes, from so doing. It should give a sufficient time after its passage for all who have been practicing the required length of time to procure certificates without the formality of an examination. It should make it necessary for all who apply for certificates after a certain date to take an examination before a competent board, which would be a positive guarantee to the public that the applicant, if granted a certificate, is competent to do the work he undertakes. It should create a board of examiners, and provide a reasonable compensation for its members, to be paid out of the receipts of such board.

All these things have been embraced in all laws of this nature in the past, and the results are apparent to all fair-minded people.

It has been claimed that such a law will issue certificates of competency to incompetent practitioners. This must be admitted to be true to some extent, but this plan has been considered by wise law-makers and wise practitioners of all times to be the only practical and equitable way to attain the desired end. Laws cannot be retroactive; future generations must and will derive the fullest benefits from the laws we secure to-day. Comparatively few years have elapsed since such laws were enacted to regulate the practice of medicine, dentistry and pharmacy in Iowa;

but the good effects of these laws are everywhere apparent. As has already been stated, it has proven to be the greatest stimulus to study and education possible.

Last, but not least, a law of this kind should be courteous and generous to those whose function we are usurping and whose places we are seeking to take. There is at least a good chance for an argument on the question: "Cannot the doctor say, 'Here, you are doing our work; come up and take our examination?'"

Our efforts in Iowa failed, so perhaps our advice in matters of legislation would be of little value. We feel, however, that our bill was fairly well handled, regardless of the fact that we met with defeat. It passed the House with only one dissenting vote, and, after a hard fight, passed the Senate by a vote of 30 to 8—a good, safe majority. After passing the Senate it was necessary to message it back to the House for concurrence in the Senate amendments. This brought it so near the end of the session that when it came up for passage again some 20 of our friends were away, and we lacked six votes of having enough. The unfortunate delays, caused principally by lack of full attendance, together with the inactivity and possible opposition of a few of our own people, were the causes of our downfall.

An optometry bill, to become a law, must be as short as possible. It must be in the hands of some one who will make friends with the legislators, and who can devote plenty of time to the work. It must not antagonize any organized body. It must be introduced early enough in the session to be sure to get through in plenty of time, but not too early to give the workers time to make a personal canvass of all members. Last, and most important of all, the opticians of the State must be thoroughly organized, so that every county will have representatives. They must see the legislators before their election, if possible, if not, soon after, and bring such influence to bear on them that they cannot refuse to promise to support the bill.

The time is coming when all refraction work will be done either by the optician or by the M. D. If our education and our standing in the community as a profession is a sufficient guarantee of competency, we will have no difficulty in keeping this work in our own hands.

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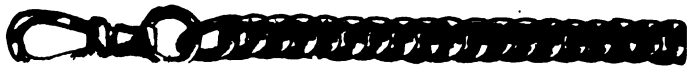
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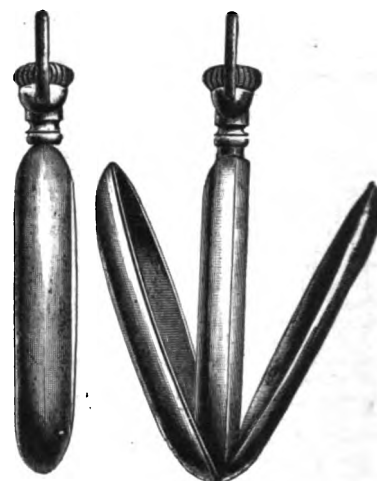
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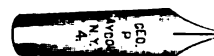


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## PROBLEMS OF THE WATCHMAKER'S BENCH.

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BY PUTEANUS.

### Technics and Working Methods in Horology.

(Continued from issue of Sept. 3.)

**T**HIS can be best explained by comparing it with the action of the teeth of the cylinder wheel. They were formerly mostly made flat, i. e., the impulse edge of the tooth formed a straight line; now, however, that impulse edge forms a curve. The curve is sharp in the beginning of the tooth, but diminishes gradually so as to give more lift at the beginning of the impulse when the hairspring is unstrained and less at the end of the impulse, when the greater friction of the cylinder against the tooth by the strained hairspring requires that more power be overcome.

The banking points for Jurgensen's fork are formed by the movement plate, which is turned out for that purpose; Lange makes a banking pin in the entrance pallet at the side of the lever. This pin works into a hole of the movement plate. The width of the hole determines the extent of the play of the lever. By placing the banking upon that side of the lever it comes more in poise, as the exit side is longer than the entrance side and consequently heavier.

Jurgensen's end stones are inserted in a gold plate, and fastened with one single screw; Lange's end stones are inserted in a round setting and fastened with two screws, as in American watches.

Jurgensen's balance staff is riveted to the balance; Lange's balance staff is simply a pin which passes through the center hole of the balance. This staff is easily made, as only the little roller needs to be fitted upon it. Care must be taken that the pin (arbor) fits correctly in the balance hole, otherwise the latter will not run true. The hole of the balance is conical in the same degree as those holes shaped by the English broaches. The pin (arbor) in order to fit well must exactly fill the entire hole.

Jurgensen's hairspring collet is fastened upon the staff; Lange's has it fastened upon the balance.

Jurgensen's balance carries no other supplement than that required for the compensation; Lange's balance has the ruby pin fastened in it and the arbor for the hairspring collet also makes part of the balance. By fastening the ruby pin in the balance arm Lange saves the weight of the great roller, which has several advantages, namely, it lessens the friction of the pivots,

especially when in a hanging position, and by removing weight from the axis of rotation the weight at the rim of the balance will have greater influence upon the moment of inertia and will, in fact, increase it.

Jurgensen makes use of a small hairspring collet, which makes the great vibrations slower than the small ones; Lange uses a large hairspring collet, which causes the reverse.

Jurgensen cuts his balance near the arms; Lange cuts it far from the arms. Jurgensen's intention is to obtain a more favorable division of the balance screws with regard to compensation. Lange probably wants to obtain less compensation error in extreme temperatures. I cannot think that it could be for any other reason. It has, however, the disadvantage that the screws for the compensation are all placed in the rim near the cut end, so that sufficient compensation cannot be made in warm temperatures, when a palladium hairspring is made use of, because they expand more than steel hairsprings.

Jurgensen's balances have two adjusting screws, placed at the arms; Lange's balances have four of them, none of them being placed at the arms, and this enables his balance to gain in compensating power.

Jurgensen's watch has a long hairspring, by means of which he intends to make the great vibrations of longer duration and small vibrations of shorter duration; Lange's hairsprings are shorter, which are better than long ones. His small balance generally does not allow of a long hairspring.

Jurgensen uses an oval roller jewel; Lange uses a triangular one.

Jurgensen fastens the hairspring stud in front, to the right of the fork, in order that the balance pivots may not feel the impulse; Lange fastens the hairspring stud in the rear, at the left of the fork, because the construction of the movement does not allow it to be otherwise arranged.

Jurgensen's balance makes great vibrations, because its impulse is greater; Lange's balance does not make as great vibrations, because its impulse is smaller. Jurgensen's aim to obtain great vibrations results in the setting of the balance, which Lange strives to avoid by making the vibrations smaller.

Jurgensen's watch has a long and weak

mainspring, whose initial tension may be set at two turns and a half, thus insuring a more equal motive power; Lange's watch is provided with a short and strong mainspring, whose initial tension allows only of half a turn.

Jurgensen pins the hairspring in the collet in front near the roller pin; Lange pins it in the rear or behind the balance staff, opposite the roller pin.

Jurgensen sets the hands by the pendant, avoiding the necessity of opening the watch; Lange opens his watch and sets the hands by means of a slider.

Jurgensen's regulator is long, which allows of an accurate or sensible moving; Lange's regulator is short.

Jurgensen's watch movements are constructed with bridges; they are made of nickel and are stoned; Lange's watch movements are made of brass and are gilded. Instead of bridges they have a  $\frac{3}{4}$ -plate.

Jurgensen's watch dials are fastened by means of a silver ring; Lange's dials are provided with pillars and are fastened by a pin passing through the pillar.

Jurgensen's seconds dial is large, so as to make the divisions easily read; Lange's seconds dial is not as large because its caliper does not allow of a large one. W. J.

### The Ultimate End of the Watch.

**J.** C. ADAMS, of the Elgin National Watch Co., is said to be continually deluged with questions as to where all the watches go. This country makes them at the rate of 8,000 a day, and this rate is kept up year in and year out, added to by countless importations.

"I never was able to answer the question," said Mr. Adams. "Nobody in the trade ever tries to. We find that the life of a watch is but five years, yet if you will stop fifty men and ask how long they have carried their watches, forty-nine of them will say he has only had one watch in his entire life.

"We cannot explain the disappearance of watches. They do not go into the ash bins. I remember when the New Jersey watch factories closed, that in ten years we could not find one of their watches anywhere. They had disappeared off the face of the earth, yet millions had been made. Look at the key watches. Up to twenty years ago we made nothing else. In that twenty years these millions and millions of key winding watches have disappeared, and the question asked unremittingly, 'What becomes of the watches?' remains unanswered to this day."



### A Family Clock.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

Watchmakers generally take interest in works they can make themselves, especially in making works which give them pleasure, publicity and money. In my leisure time I have made a few little fancy time-pieces which, I think, may interest the readers of THE CIRCULAR-WEEKLY. They can be easily made by any watchmaker and with very little expense.

The illustration is a reproduction in two-thirds size of a photograph in which I take great interest, as it is a souvenir of times gone by. It was hung up on the wall as any other family picture and seemed scarcely

orders, it will therefore be necessary to explain in detail how a picture might be turned into a nice little clock which will be valued more highly by the persons who are interested in the picture than any other wooden or gilded clock that comes from the factory.

The most suitable place for a clock in the picture would have been in a tower or a church standing in the background. But there was nothing of the kind on the picture and therefore I had to proceed as follows:

I loosened it from its cardboard, pasted it on a larger one and then drew a kind of a village church and added a sky to it. The church is rather awkward looking, but for a first attempt I thought it would

piece which contains a clock. The paper dial could then be cut out and be replaced by a small porcelain dial. A great variety of such dainty clocks could thus be made. After I have shown and explained those which I have made I think my idea will be thoroughly understood and appreciated.

The dial is somewhat large in the present illustration in proportion to the church, but let me say that it was done purposely in order to be in line with the actual style of public clock building, which demands very large dials that can be read at great distances. Malines boasts of having the largest clock dial on one of her churches, but I suppose that my church dial has outdone hers.

Although it may not be entirely in harmony with artistic ideas, it has, however, the advantage that in a room of ordinary size the time can be read from this village clock when sitting at the table and without being compelled to rise from the chair and approach the clock.

The adjustment of the movement, which is very simple, will be explained in another number.

(To be continued.)

### A Maker of Wooden Clock Movements.

Oakland, Me., Aug. 22, 1902.

Editor JEWELERS' CIRCULAR-WEEKLY:

I notice in Workshop Notes and Queries of THE JEWELERS' CIRCULAR of Aug. 27 question No. 221, which refers to wooden clock movements.

I have made such clocks and have one which I have lately completed. It is of the same pattern as those made by Silas Hoadley of Plymouth, Conn. The clock in question is of the grandfather style, is a good timekeeper and has lost but half a minute in eight weeks.

Should any person desire to have such a clock movement I can supply him in a short time with a wooden clock movement of the same style and equal in workmanship to those made in this country by the old clockmakers early in the last century.

Very truly,

E. O. SUGDEN.

### Congressional Library's Clock Completed.

THE clock in the reading room of the library of Congress has been completed and unveiled. The timepiece itself has been in place for several years, but the allegorical figures surrounding it have just been added.

The dial structure is a vari-colored marble encrusted with semi-precious stones, while the dial is a sunburst of gilt bronze. Figures of students in bronze typifying the "Reader" and the "Writer" are seated on either side of the dial, while "Time" attended by "Day" and "Night" surmounts the structure.

Forming an oval frame in color around this group are the signs of the zodiac, the work being completed by the high relief in bronze of the "Swift Runners" on the parapet beneath the dial.

The sculpture was done by John Flanagan, of Newark, N. J. He studied under St. Gaudens and at Paris School of Fine Arts.



PHOTOGRAPH SHOWING CLOCK IN BACKGROUND.

noticeable among the number of photos and pictures which surrounded it.

In order to increase its attracting power I thought it a good idea to make a family clock of it, which undoubtedly would elevate its rank among the other pictures, for in order to know the time we would be compelled to look at it and this might happen several times a day.

There was, however, little room for a clock on the picture, its length being greater than its height, and a clock would hardly look well if it was hung up in a garden. Therefore, certain changes had to be made.

My object being principally to show watchmakers who have some taste for fancy work how they might agreeably pass their leisure time, increase their reputation for skill among customers and thereby most probably receive many good paying

do. Besides that the painting of the scenery did not need to be very artistic. Any watchmaker is able to draw such a church, but if the picture had been taken in this country, where art and money are lavished on churches, even in the poorest villages, one of our quaint little American churches could have been imitated.

A suitable church could have been copied from any of the monthly reviews or advertising papers in which a great many of them can generally be found. But supposing the group had been taken in a room or a hall then a place for a clock could probably be selected on some corner of the wall and the clock could be made small enough to match the picture.

A very nice little clock could, for instance, be made from a photograph where a person is standing or sitting near a mantle-



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## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 226.—Cheap Gilding Process.**—Can you give me a receipt for gilding small objects economically which must be sold for less than five cents? R. T.

**ANSWER:**—Gilding without gold will undoubtedly be the most economical method for that purpose. It can be done as follows: Put in a crucible one ounce of ammoniac salt and half that quantity of common mercury. Cover and lute well the crucible for fear the mercury should exhale. Give this a small fire for the space of half an hour. Increase the fire afterwards till the crucible is red hot. Then throw the composition into a pan of cold water. As soon as this matter is cold it will be as hard as a stone. Break and grind it and dissolve it in gum water. Wherever you lay a coat of this it will look like gilt. Another method is: grind some purpurine with water; then put it to soak with chamber lye in a pan; stir and skim it. When it has done throwing off any scum pour out the chamber lye and replace it by gum water. Whatever you write or draw with this composition will look like gold itself and it admits even of being burnished with the burnisher.

**QUESTION No. 227.—Rusty Steel Beads.**—Can you tell me of any method of removing rust from steel beads on a bead bag? C. W. W.

**ANSWER:**—We cannot think of any other means to remove the beads for treatment or to replace them by others without injuring the cloth, silk or velvet of which the bag is made. You are best able to judge if it will pay you to use one of the two first receipts or if it will be better to decide on the latter one.

**QUESTION No. 228.—Watchmaker's Repair Record.**—Kindly let me know if there is any such thing on the market as a watch repair record, of which I send you a sample. J. L.

**ANSWER:**—There are several kinds of record books on the market, all of which differ from each other. Among them are the Acme Watch Guarantee Book, the Acme Record of Watch Repairs, the Acme Record of Watches Bought, Purdy's Watch repair record books, Emrie's Watch Guarantee and Emrie's Watch Purchase books, Levy's Watch Repair Record and Levy's Watch Purchase, Watch Stock and Watch Sale Record, etc. Some of these books may be purchased for \$1.

**QUESTION No. 229.—Chronometer Rate.** I have a pocket chronometer, but I cannot make it keep time. When wound up it will gain for about seven hours and then it will lose. Do you think the cause of the variations lie in the mainspring? J. J. C.

**ANSWER:**—The mainspring is generally wrongly considered to be the only cause of such trouble. In order that a chronometer may keep good time there are, however, several other conditions which a watch should fulfil, but they generally escape the attention of some adjusters. It may be that the regulator pins in your chronome-

ter are too wide open; that the diameter of your balance is too small; that the hairspring has not the theoretical curve; that it is wrongly pinned in the hairspring collet, or that the collet is too large, etc. It would require too much space to discuss at length all these faults in the Workshop Notes, but you will undoubtedly acquire much valuable information in that part of horology by spending some of your leisure hours in reading the different books written on "Practical Watch Adjusting."

**QUESTION No. 230.—John Taylor.**—I have a very old English clock. On the face of the dial is the maker's name, "John Taylor, London." It has a calendar on the outside of the hour figures. Can you tell me about what time it was made? S. T.

**ANSWER:**—It is difficult to tell the age of the clock from this brief description. There were three John Taylor's known who were established watchmakers in London, one John Taylor admitted to the Clockmakers' Company in 1687, another John Taylor admitted C. C. 1702, and a third John Taylor, established at Wilderness Row, Clerkenwell, 1810-1840.

**QUESTION No. 231.—Isochronism.**—There is one authority whom I have read who advocates round ended pivots on his balance staff, because, as he claims, the watch, after it has run a year or more, will keep better time as a result of having round pivots than it could keep with flat pivots after running the same length of time and under similar conditions. Does your expert agree with him? Would not a watch with flat ended balance pivots and a consequent reduction of difference of arcs between vertical and horizontal positions keep theoretically and practically better time than one with round-ended pivots in which the difference between horizontal and vertical positions is increased as a result of decrease of friction on the ends of pivots against end stones? J. M.

**ANSWER:**—We agree entirely with the author who wants to make the ends of the pivots round. Flat ends create or rather increase the friction, which should be avoided. The greatest aim of a watchmaker must always be to reduce friction to a minimum. There are other means to reduce the difference in rate of watches in hanging and laying positions. All watches differ in rate in different positions and in order to bring this difference to a minimum the hairspring, contrary to the assertion of some watchmakers, must not be isochronic. It should be thus, in order that the long vibrations be performed in a longer time than the short vibration. How much that should be depends, of course, on the construction of the watch. A large or a small hairspring collet also influences the difference in rate between hanging and laying positions, because the balance feels more the heavier weight of the collet in the vertical position than in the horizontal. For this reason one can easily imagine what influence a heavy or heavier weight at the center of the balance has upon the rate.

The place of pinning of the hairspring in the collet has also something to do with the adjustment of watches. The opening of the regulator pins and especially the theoretical curve are all points which a careful adjuster should always have in mind. It would be very recommendable that each watch should have four adjusting screws arranged crosswise at the balance, one at each arm and one in the middle between those arms. When the watch is in rest and hanging one of the adjusting screws should point to the pendant; if the watch then differs in the positions of pendant up and pendant down, pendant half way to the left or half way to the right, the adjusting screws will help that out. The reduced space of the Workshop Notes does not allow of any further explanations of the principles and experiments in the adjusting of watches, which is the most serious and scientific part of watchmaking, but the subject will be treated from time to time in special articles, in order to elucidate what well-known authors have already written and what may still be said on the subject by men of experience.

**QUESTION No. 232.—To Remove Blue From Steel.**—How can I remove the blue color from polished steel that has been tempered without injuring the polish? T. G.

**ANSWER:**—By simply immersing the article for a few minutes in oxalic acid. After that it must be rinsed in clean water, dipped in alcohol and dried.

**QUESTION No. 233.—Steel Hardening.**—How can I harden small steel articles and still have them bright after they have passed through the fire? T. G.

**ANSWER:**—Before hardening the article cover it with soap and heat it upon a charcoal fire until red hot; then it may be thrown either in water or oil. Petroleum is recommended if great hardness is required. The articles treated in this way will come out bright and do not need to be cleaned in order to distinguish the color when annealing. The coating also prevents them from becoming warped or distorted.

### Why Dummy Watches Indicate the Time 8.18.

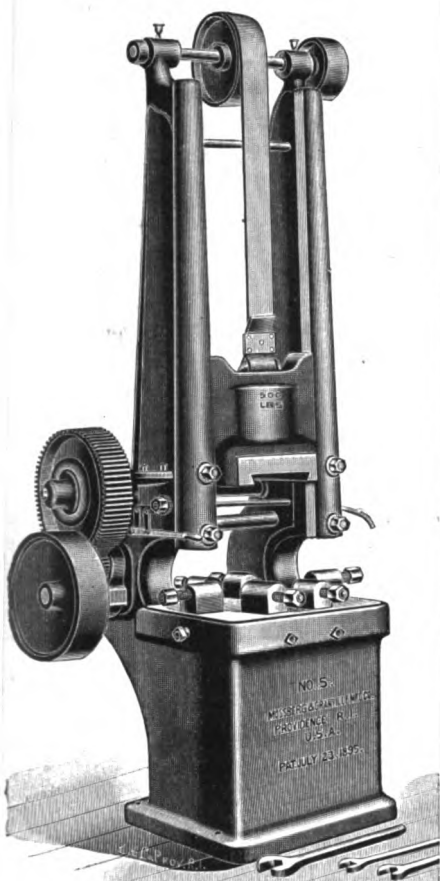
SOME years ago a claim was made that the time, 8.18, was selected on dummy watches for the reason that Abraham Lincoln died at that hour in the morning.

The simple facts are that dummy or painted sign clocks or watches are so painted to show 8.18½ because that is the only place on the dial where the time of day can be shown and at the same time allow the minute and hour hands to make a perfect angle.

At 8 o'clock 18½ minutes the minute and hour hands on opposite sides of the dial are exactly 18½ minute degrees from top of dial or figure 12. It must be remembered that while the hour hand makes the whole circumference of the dial once in 12 hours, the minute hand goes around 12 times—therefore the movement of the hour hand one minute degree necessitates the movement of the minute hand 12 minutes. Of course the hands may be reversed, making the time 3.41½.



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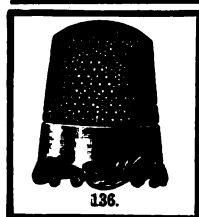


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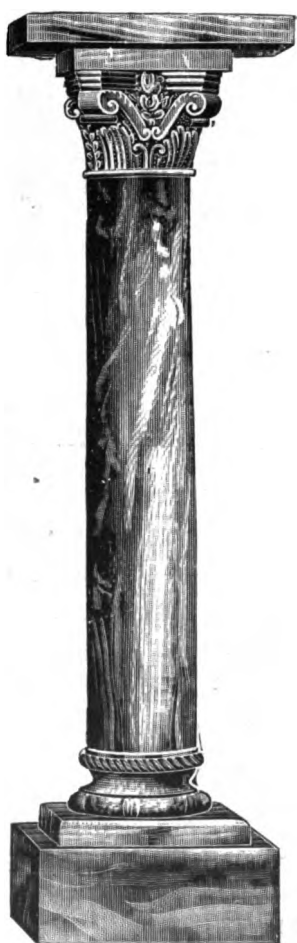
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

#### ENGLISH CHINA AND GLASS.

**B**UYERS of English china and glass ware cannot fail to be interested in the display now being made at the ware-rooms of Davison Bros., 12 Barclay St., New York, who are the New York agents for some of the leading art pottery and glass concerns of England. The firm's salesrooms have been practically remodeled to give a special department to each particular line carried, especially Coalport china, Adderly china, Stevens & Williams glass ware and the Crescent china and pottery of Geo. Jones & Sons, Ltd., for all of which products Davison Bros. are the sole American agents. In these lines they display the finest collection as well as the most representative assortments ever shown in this country. In addition to the sample lines a number of stock pieces in each ware especially suitable for the holiday trade are now being opened.

#### INDIAN AND OTHER ASIATIC POTTERY.

**A**LARGE and varied assortment of pottery from Bombay and other towns on the Indian Ocean is being offered for sale by the F. P. Bhungara Co., 142 Fifth Ave., New York. In past years the cost of articles of this nature, imported from Asia, has been almost prohibitive, but conditions have been so changed that the former difficulties of importation have been overcome for the present. The assortment now shown includes a number of little jugs, bowls and vases that bear unmistakably the stamp of Oriental workmanship. The colorings and shapes are unlike those of any European ceramics but are distinctly attractive.

#### CUT GLASS ICE TUBS.

**T**HE PAIR-POINT CORPORATION has on exhibition in its salesrooms, 38 Murray St., New York, a number of handsome cut glass ice tubs. These pieces are especially appropriate for hot weather gifts and come in nearly all the different cuttings and patterns carried by the concern, as well as in all shapes, sizes and designs. In addition to this line the company carries a fine assortment of comports, finger bowls and pepper and salt dishes, all in the latest patterns and cut-

tings, including the Meteor, Sunbeam, Basket Weave and Cedar. The comports show many odd shapes. THE RAMBLER.

### Royal Danish Porcelain.

WASHINGTON, D. C., Sept. 4.—Consul J. C. Freeman, of Copenhagen, under recent date, sends an extract from the Danish Export Review, regarding the progress and present condition of the manufacture of Royal Danish porcelain, which reads:

"The Royal Porcelain Manufactory was established in 1779, at which time the three blue waved lines were adopted as the trademark; later a crown and the word 'Denmark' or 'Royal Copenhagen' were added in green. Until the close of the 18th century the manufactory chiefly imitated the works of Meissen, Berlin and Fürstenberg. From the beginning it produced the blue mussel painted china, so called from the shell which serves as a handle to the covers. The pattern is painted by hand, whereby it obtains the individual stamp, with cobalt color; it is afterwards glazed and finally burnt. The decoration, which is covered by the glaze, is absolutely imperishable. This china now includes two qualities of finer make, namely, 'lace edge' and 'half-lace edge.'

"In 1883 the manufactory was established in new premises and steps were taken to gain new markets. The same underglazing technique which was applied in the first manufacture of the mussel painted china was continued, but in addition to the blue color, green and tints of red were included; later on, other less important colors were added. In 1898, the manufactory was enlarged, enabling it to produce half as much again. It has been represented at all of the various expositions and was awarded the grand prix at Paris in 1900 and also placed as number two of the competitors. At the Paris Exposition, besides having a wide selection of patterns of porcelain with liquid glaze, the manufactory had also an exhibit of modeled animals. The manufactory has established branch depots in Paris, London and New York."

### Dinner Glass for 1831.

**T**HE massive style which has for some time past predominated in cut crystal for the service of the table is entirely exploded, and the thinnest and most fragile glass, ornamented only by beautifully engraved garlands, is adopted as the newest and most expensive fashion. The water carafes now introduced at the best French tables are as slight as a wafer, in the form of globes, with long straight stems, and the tumblers and beakers which correspond in fragility are sprigged over with



## FANS

After having spent several months in Paris and Vienna making personal selection of designs for this Fall's trade, I am now prepared to show a line of fans for the exclusive jewelry trade the beauty and exquisiteness of which has never been seen in this or any other country. I invite inspection when in New York, or write for particulars.

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Send for selection. You will  
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closes securely and  
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engraved bouquets. The foot stem of these glasses is of the diameter of straw. (July 2, 1831.)

About this time the duty on glass was 4d per lb. (afterwards reduced to 2d.)

It is amusing to see in 1831 that "straw stem wines" were fashionable and carafes for the table a novelty.

What a history might be written on the fashion in glass! They mark an era in civilization; the china and glass closet tells of the taste and refinement of the period clearly and distinctly.—*London Globe*.

### Coral Again the Proper Thing.

FASHION, like history, repeats itself, and that deity to which so many people offer their hard-earned wages now demands that the devotees to fashion adorn themselves in coral. A few years ago anyone wearing decorations of this material would have been smiled upon and called old-fashioned. Now a woman appearing on the street or in some public place with a handsome bit of coral jewelry is the observed of all observers.

The local jewelers are now displaying coral in their windows, while ornaments of every variety made of the pretty pink mineral are displayed in their show cases. The coral pins that were once worn, the coral tipped combs, and all the little coral trinkets from bracelets to brooches and even rings are displayed to tempt the buyer, while coral studs and cuff buttons are immensely popular. In fact, the uses for coral are almost innumerable. The strings of irregular beads are twined in the hair and strings of round beads are looped about the neck.

The fine smooth beads are strung on long chains with a large blue bead placed at intervals of a quarter of a yard upon which a fan may be fastened or else worn purely for ornament. Those who can indulge their fancy without regard to cost heighten the original beauty of coral by combining it with some precious stone. For instance, strands of the coral are fastened with a diamond clasp or a "dog collar" is made by fastening several strands together with upright bars set with tiny stones.

In the local jewelry shops coral is very expensive, while in the shops in larger cities where the demand is greater the price runs still higher. An ordinary string of fairly good beads (that is, one that will just encircle the neck) costs \$14 or \$15, while the long strands or those of well matched, graduated beads run easily to \$50. Brooches and pendants carved in various forms of heads, flowers, animals, etc., run from \$25 upward, according to the amount of carving on them. The irregular strands are the least expensive as they are more easily put together, not having to be matched.

The studs and cuff buttons are not so expensive and are within the reach of a modest pocketbook.—*Syracuse Post-Standard*.

Where one agreed to manufacture for another articles of a certain standard of excellence and the buyer returned a part of the goods after he had paid for them, because they were defective, the measure of his damage was the price that he had paid. (72 N. Y. S. Rep. 662.)



# Fall Holiday Goods.

To our usual well assorted lines we have added many  
**NOVELTIES AND SPECIALTIES.**

## **Clocks,**

Gilt Regulators, Enameled Regulators, Traveling  
Clocks, Onyx, Bronze and Gilt and  
Porcelain Clock Sets, Hall  
and Mantle Chimes.

## **Bronzes,**

Busts, Figures and Groups in Art and Real  
Bronze. Vienna Bronzes.

## **Electric Bronzes and Chandeliers,**

## **Sèvres and Royal Vienna**

Plates, Vases, Fern Dishes, Etc.

## **Pottery,**

All the Leading Factories of Germany, Bohemia  
and Italy are Represented.  
Teplitz, Royal Bonn, Figures, Busts, Groupes  
and Vases.

## **Bric-à-Brac,**

Enameled Vases on Copper and Silver, Minia-  
tures, Carved Ivories, Photo Frames.

## **Marble Statuary,**

Busts, Figures, Groupes in Carrara and  
Castellina.

## **Bohemian Glass,**

Vases, Römers, Punch Sets, Liquor Sets,  
Tankards.

## **Pedestals,**

Paintings on Porcelain.

## **Oil Paintings,**

## **Tapestries,**

Antique Silver Goods.

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Established 1838.



# 20<sup>TH</sup> CENTURY DIAMONDS

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Made in perfect proportions, are sold by us, and all of our customers are fully protected by us in every particular, both as to price and quality, and we sell only the genuine article in the latest improved cutting. . . . .

*We sell the 20TH CENTURY cheaper than any other house, QUALITY and CUTTING CONSIDERED.* . . . .

We also continue to cut a full line of Brilliant Cut Diamonds in all grades and sizes. . . . .

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## Chas. F. Wood & Co.

Importers and  
Cutters of Diamonds,

1 MAIDEN LANE, NEW YORK.

### The Advantage of Knowing Trade-Marks.

THE progressive jeweler is ever on the alert to learn of new and better goods so that he may serve his patrons more acceptably. Sometimes he may come across articles that are better than those he has in stock and the only way in which he is able to learn who made them is by the trade-mark or stamp. Again, a customer may bring in a damaged article and ask the jeweler to obtain a new one or ask for a duplicate of one which he already possesses.

As before the trade-mark affords the only clue that the retailer can work upon. Of course, the article could be sent from one manufacturer or jobber to another until the maker was found, but the time and trouble it would take would discourage almost any one. Again, a patron or a stranger may bring in a ring or a piece of jewelry that is in need of repair or may have a stone missing.

As all jewelers know that the manufacturer of an article is in a better position to repair the damage or to supply any missing part—and does it cheaper than it could be done elsewhere—it is evident that the advantage of knowing trade-marks should engage the earnest attention of every enterprising jeweler, for it not only saves time and annoyance but it also gives the customer a better opinion of the store if the proprietor or a clerk shows his familiarity with any given article by being able to say "that it is made by so-and-so, and is of a good quality, and if you desire one like it we can order it for you and have it here in a few days."

Someone has said "Knowledge is power" and nowhere is this more true than behind the counter. The clerk who desires to be of the greatest service to his employer and benefit to himself and others will endeavor to obtain all the information possible concerning the goods he sells and their marks, as well as a knowledge of the marks of similar articles, but which are not carried in stock.

The study of trade-marks is one that requires time, patience and a scrap book in which all marks pertaining to the business found in trade journals and elsewhere are pasted and marked. This, however, is a tedious method of acquiring the desired information and very many marks will not be obtained because many manufacturers do not advertise at all and because many have gone out of business.

The best plan for the retailer and clerk is to obtain a book on trade-marks, stamps, etc., which the leading publishers of trade journals are able to furnish. Fortunately for the retail jewelry trade THE CIRCULAR—WEEKLY some years ago recognized the need of a comprehensive collection of trade-marks and stamps used in the trade and after several years of labor has produced a volume of illustrations of trade-marks, registered and unregistered, used by manufacturers and dealers in jewelry and kindred wares, which also contains much valuable information relating to trade-marks, silver stamping laws and historical matter.

This volume, together with its supplement, contains over 2,250 marks, and will be found to be of great value to all who appreciate the value of a pleased and satisfied patron.



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EVERYTHING APPERTAINING TO

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### The New York Jeweler,

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48-50 MAIDEN LANE

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## SWAN FOUNTAIN PEN.

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Made upon Distinct Principles.  
Is a Compressed Air Pump.  
Simply Wet the Insides to Provoke  
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**Finest Day Coaches Ever Built.**  
Write for folders.

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**A SLIDE**

that is peculiarly excellent in its way, because it does simply and surely what no other slide will do.

**The "Mifavorite" Lorgnette Chain** is a strong, steady seller because it appeals to the customer. These points talk for it: The slide is an integral part of the chain and will always stay right side out.

The "**Mifavorite**" Slide moves almost without friction, cannot stick, and does not require pulling. It will not strain or break the most delicate links.

Once adjusted, the slide retains its exact position and does not slip.

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Made in the highest grades only and by the most accurate and skillful workmen, in solid gold and gold filled. The slide on the gold filled chain is solid gold. Your jobber will supply it.

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Prompt attention given to Gold and Silver Bullion.  
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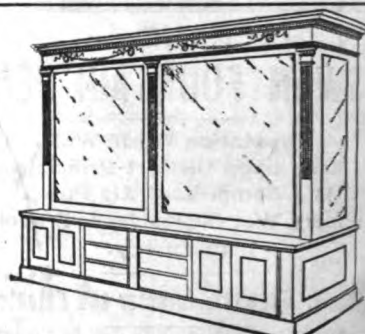
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Specialties: Prompt and good returns.

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**Coral, Roman Pearls, Necklaces, Guards and Collarettes.**

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# THE JEWELERS' CIRCULAR

THE HOROLOGICAL REVIEW,

WITH WHICH  
ARE  
CONSOLIDATED

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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THE JEWELERS' CIRCULAR PUB. CO.

Corbin Building, 11 John St., Corner Broadway, New York.

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New York, N. Y., Post Office.

34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, SEPT. 17, 1902. VOL. XLV. No. 7.

## ART IN AMERICAN BRONZE STATUARY

**A** MAGNIFICENT piece of bronze work, recently completed by the Gorham Mfg. Co. at its factory at Elmwood, R. I., is a large statue of Gen. Henry W. Slocum, erected by the State of New York on the battlefield of Gettysburg, the dedication ceremonies of which will be held Friday of this week.

The statue is an equestrian figure of colossal size, showing the General in full uniform sitting on his horse. From the base to the top, the statue, with the pedestal, measures 31 feet. The statue itself is 15 feet high and 16 feet 6 inches long. The work is entirely of bronze and weighs 7,500 pounds. The sculptor was E. C. Potter.

The commission in charge of the statue, consisting of Major General Daniel E. Sickles, chairman; Brig. Gen. Horatio C. King, Col. Louis R. Stegman, Col. Thomas W. Bradley and Major A. J. Zabriskie, have been unanimous in declaring the statue a perfect piece of artistic sculpture, reflecting

credit not only upon the designer, but also upon the company that cast it.

The statue will be located on Culps Hill in the Gettysburg battlefield, which was

occupied by Gen. Slocum's line during the battle. The Governors of New York, Pennsylvania and New Jersey will be present at the dedication, while veterans of 19 infantry companies and five batteries that served under Gen. Slocum will attend the ceremonies.



BRONZE STATUE OF GEN. HENRY W. SLOCUM FOR GETTYSBURG BATTLEFIELD.

## Clever Novelties in Jewelry.

**A** VERY clever novelty in the way of jewelry, says the London *Graphic*, was worn by a Scotch peeress this week, and consisted of a true-lovers' knot of diamonds, emeralds, rubies and other stones so arranged as to fairly reproduce the tartan of the wearer's clan.

Another magnificent idea is a Marie Stewart cap made entirely of diamonds and emeralds, with a very large emerald in the center of the little front point. One regrets that this beautiful specimen of the jeweler's art could not be considered as a tiara and worn as such.



**Do not forget to place your orders early, for Sterling Silver TOILET, MANICURE, and DESK goods and NOVELTIES; also our fine gold filled LOCKETS, CHAINS, FOBS, BRACELETS, PINS, BROOCHES, EARRINGS and HAIR and RIBBON CHAIN Mountings.**

**PROVIDENCE, R. I.**

**X X**



# ALVIN DEPOSIT WARE



The variety of original French grey effects, which we are constantly introducing in our deposit ware this season, has made our line exceedingly attractive and salable.

Jewelers who are looking for artistic effects in deposit ware and at prices that will insure a ready sale, would do well to go over our line thoroughly. A complete line at both offices.

ALVIN MANUFACTURING COMPANY

54 MAIDEN LANE.

NEW YORK.

41 UNION SQUARE.





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## PLAIN SOLID GOLD RINGS

OUR SPECIALTY.

We have been making Plain, Solid Gold Rings since the year 1850—more than half a century.

Our wedding rings are the best that can be made and we sell them at the lowest prices that square Karat and perfect rings can be sold for.

We are also actual Diamond Cutters and sell direct to the retailer and so can furnish at much lower prices than you can buy for elsewhere.

If you come to N. Y. this fall, call and see our goods, we will be pleased to receive your mail, and place a desk at your disposal for your correspondence.

**J. R. WOOD & SONS,**  
No. 2 MAIDEN LANE, NEW YORK,  
Manufacturers,  
Seamless Plain Solid Gold Rings, Engraved  
Rings, Diamond Rings, Mountings, Chains,  
Ladies' Stone Rings. Diamond Cutters.



**Our  
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**NO COMBINE OR  
ASSOCIATION WITH TRUSTS.**

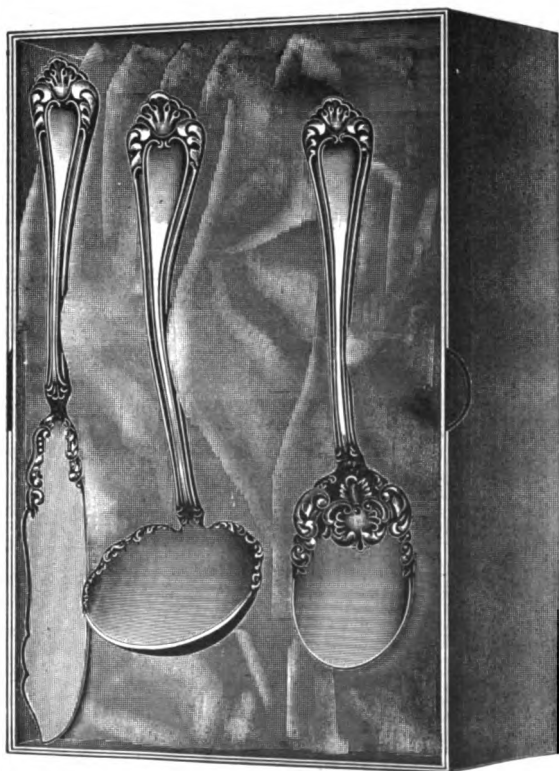
*We aim to manufacture the highest quality of goods; modern and classic designs, of superior finish, made by best of workmen, in our own factories.*

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Manufacturers of  
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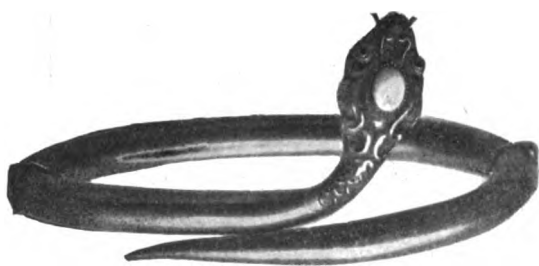
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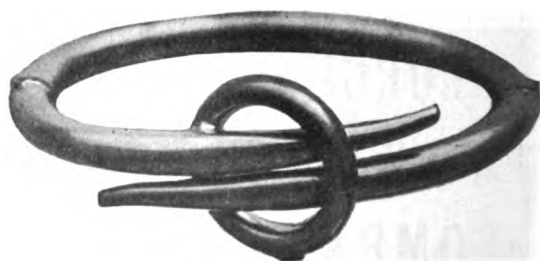
# The "Florodora" Bracelets.



FLORODORA GIRLS WEAR THEM.



PATENTED  
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Fifty Patterns in Sterling Silver only, finished in Polished or Satin Silver,  
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IN STOCK OF LEADING JOBBERS.

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No better Gold Filled Watch Cases are  
made than those stamped  
with the name

*Fahys*

No better name can be stamped in Gold  
Filled Watch Cases than  
the name

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We are proud of them.



Perhaps there are reasons why  
some other manufacturers do  
not stamp their names in  
Gold Filled Cases.

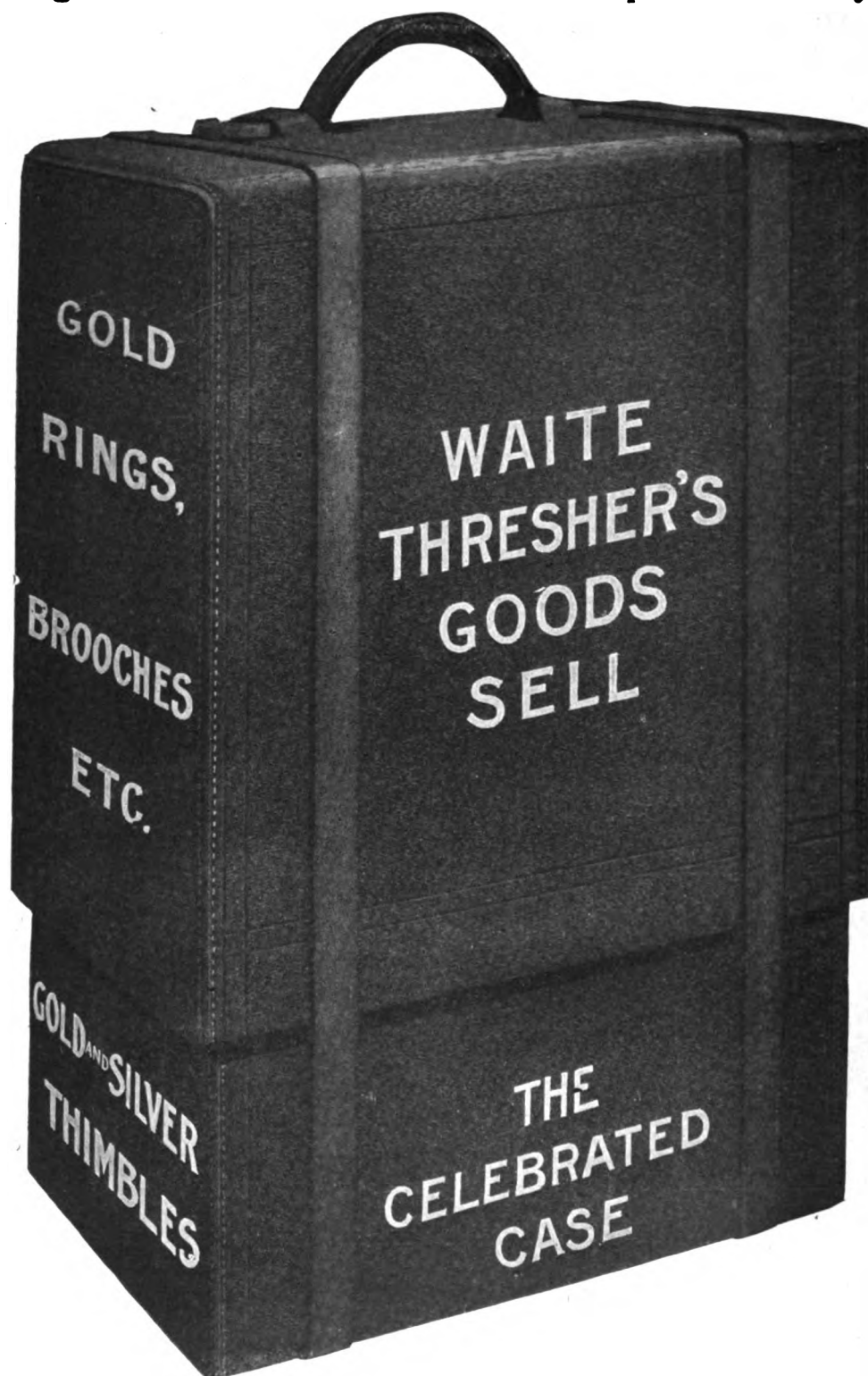


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Joseph Fahys & Co.,  
Fahys Bldg., 54 Maiden Lane,  
New York.



Our new samples for the coming season are now in "The Celebrated Case." 'Tis for YOUR interest to see them, for you know "W. T.'s goods sell" and our first orders prove this saying true.



**WAITE, THRESHER COMPANY,**

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For the most attractive  
specialties, exclusive patterns  
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# **LEATHER IVORY EBONY**

Jewelers should see the  
goods now displayed by



## **DEITSCH BROS.,**

Makers,

14 East 17th St., N. Y.

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### **Royal Copper Mountings.**



# FACTS

We have fully anticipated the exceptionally large demand for our New Fall Goods and are prepared to fill orders more promptly than heretofore.

The Mauser Trade Mark is a synonym of leadership and fair dealing among Jewelers.

<p>925 / 1000 FINE Hollow Ware</p>	<p>TRADE  MARK "Watch Our Ads."</p>	<p>999 / 1000 FINE Deposit Ware</p>
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It is a well known assurance that goods bearing the above trade mark are exactly as represented.

Mauser Goods wherever introduced have made lasting friends.

The most approved list this Fall contains the following:

<p>Bouguereau - Toilet Set, Watteau " " L'Art Nouveau " " "La Vision" " " La Du Barry " " Cupid " " Orchid " "</p>	<p>Berry Bowls, Bread Trays, Bon Bons, Centre Pieces, Comportiers, Candlesticks,</p>	<p>Cigarette Cases, Match Boxes, Pocket Cutlery, Child's Cups, Ping Pong Cups, Punch Bowls,</p>
<p>18000, 19000, 20000, 21000, Toilet Set,</p>	<p>Coffee and Tea Sets, Love Cups.</p>	

***The Mauser Manufacturing Company,  
Silversmiths,***

Factory and Salesrooms: 14 East 15th Street, bet. Broadway and Fifth Avenue, New York.  
Wholesale Show Rooms: 13 Maiden Lane, New York. 126 State St., Chicago.



**Tariff Decisions & Regulations.**

The Board of Classification of the United States General Appraisers handed down a decision, last week, on the protest of Arthur Walsh in regard to pieces of raw amber. The merchandise in question was invoiced as 144 pieces of raw amber one and one-half to six inches long, and was assessed for duty at 25 per cent. ad valorem under Par. 48 of the Tariff Act of 1897 as "manufactures of amber." The protestant claimed that the goods were entitled to free entry under Par. 170 of the Tariff Act as amber manufactured. The Board found that pieces of amber varying in length from one and one-half inch and a half to six inches, not further manufactured than cut into pieces and sawed and smoothed on one side for the purpose of testing their quality, and which were afterwards to be manufactured into cigar holders and mouthpieces for pipes are free of duty as pieces of amber manufactured and are not dutiable as "manufactures of amber"

under Par. 448 of the Tariff Act. Evidence showed that nothing beyond cutting and smoothing had been done to the amber and that the pieces could not in its judgment be considered as manufactured. The protest was, therefore, sustained.

The Board also handed down a decision in the protest of Moses Norris, of Baltimore. The merchandise consisted of cheap metal purses. This merchandise had been returned by the Appraiser as jewelry and assessed for duty at the rate of 60 per cent. ad valorem. The importers claim that the goods were dutiable at the rate of 45 per cent. ad valorem under Par. 193 of the Tariff Act as "manufactures of metal." The Board in a former case held that châtelaine bags or purses attached to women's belts and used mainly for personal ornamentation rather than for carrying coin were dutiable as jewelry. The testimony and samples in this case, however, convinced the Board that the articles in question were not to be so used, and that their chief purpose was for carrying money. The protest was, therefore, sustained.

**Auctioneer Gets License After a Long Fight.**

Samuel S. Levy, Chicago, Ill., has been granted an auctioneer's license at Mankato, Minn., after a hard fought legal battle.

G. F. Williams & Co., jewelers, Mankato, proposed to hold an auction, and secured the services of Mr. Levy. The latter, when he sought to secure a license, was refused, although he tendered the fees in accordance with the ordinance. Pressure was brought to bear by the local merchants' association to exclude Levy.

The State law provides that the County Commissioners may license any legal voter of their county as an auctioneer. An attorney for Mr. Levy held that the State law was void as it operated to discriminate against citizens of other States.

Application was made to the Circuit Court for a mandamus directed to the City Council and Mayor. Upon a hearing, the court made an order for a peremptory writ of mandamus requiring the City Council to issue the license to Mr. Levy, and it did so.



# Character



is a business asset. To the jewelry store it is as necessary as stock itself. The confidence of the public is the jeweler's mainstay, and public confidence is built on character—the individuality of the man, the reputation of his stock, the standing of his store. Right buying is the first step in character-building, and right buying presupposes buying at the right place.

We are  
Headquarters for

## Watches and Diamonds.

Every branch is conducted and fostered with the same exacting solicitude as our watch and diamond departments, so much so that our patrons credit us (justly we trust) with a like pre-eminence in all lines. We are, in fact, universal providers to the retailers, and their appreciation of our service we recognize in the most practical way—by giving them still better service. You will find this especially true this Fall.



*N. A. White & Co.*  
21 Maiden Lane  
New York.





RING MAKING IS OUR ORIGINAL BUSINESS.



NO NEGLECT

of our ring lines has occurred because we have been pushing the Larter Shirt Stud and the Larter Vest Button to a successful issue. We have been keeping our stock of Rings for men, women and children right up-to-date, in fact in all our 40 years of ring making we have never made and sold so many rings as we are selling to-day.

When you are buying a stock of rings for the Fall trade, our lines are worthy of your consideration.

LARTER, ELCOX & CO.,  
21-23 MAIDEN LANE,  
NEW YORK.



RING MAKING IS OUR ORIGINAL BUSINESS.

## Revised and Supplemental Report on Precious Stones.

George F. Kunz Continues His Report on the Production of Precious Stones in 1901, for the United States Geological Survey.

[The publication of Mr. Kunz's original report was commenced in THE JEWELERS' CIRCULAR-WEEKLY of Aug. 13, and was concluded in the issue of Sept. 3. The supplemental report, begun this week, will be continued in succeeding issues until completed.]

WASHINGTON, D. C., Sept. 10.—George F. Kunz, the precious stone expert, has supplemented his report on the production of precious stones, the publication of which was concluded in the September 3 issue of THE JEWELERS' CIRCULAR-WEEKLY, with the following additional matter:

### SUPPLEMENTAL REPORT.

The chief points of interest concerning precious stones in the United States during the year 1901 are:

The finding of a diamond in Lee County, Ga., which adds a new locality to those previously known; the increased yield of sapphires in Ferguson County, Mont., where two companies are now engaged, and further exploration for the fancy colored sapphires at Rock Creek, Granite County, N. C., the same State; an extensive output of rhodolite garnets in Cowee Valley, Macon County, N. C. and also considerable mining in other parts of the State for blue, green and yellow beryls, amethysts and the new emerald matrix; continued activity in the remarkable locality for colored tourmalines at Mesa Grande, San Diego County, Cal., and the discovery of a new deposit adjacent to the first; further work at several chrysoprase localities near Visalia, Cal., and the purchase or control of them secured by a company; sustained and enlarged production of turquoises, chiefly in New Mexico, where several important companies are actively engaged in mining them, and the discovery of new turquoise localities in Colorado and Nevada; the finding of epidote crystals, magnificent in size and color, at Prince of Wales Island, Alaska; and the discovery of a beautiful jade-like compact idocrase in Siskiyou County, Cal.

The importation of precious stones for the year 1901 at the port of New York amounted to \$24,500,000. The importation of diamonds has exceeded that of any previous year, and never have larger or finer stones been brought into the United States. Emeralds have greatly increased in popularity; and coral, long out of fashion, has once more become prominent. Although turquoise is not mined by six different companies, and they have all had fair yields, the popularity of the stone has been such that the entire product was consumed.

The first year of the new century has been the greatest in the history of the precious stone industry in the United States. Never has the prosperity and growth of a country been more fully indicated, as if by a sensitive barometer, than by the wonderful increase in values and business in the jewelry trade in the United States during the past year.

### DIAMOND.

#### UNITED STATES.

The only authentic instance of the finding of diamonds in the United States during the year 1901 is that in Lee County, Ga. There are reports that several were found along the Moraine near Martinsville, Ind., but these rumors have not yet been verified. Great excitement concerning the supposed discovery of diamonds prevailed for a short time in Montana, but the supposed diamonds proved to be only quartz.

#### GEORGIA.

Reports have been made on several occasions in the past as to the finding of diamonds in Georgia, but these rumors have lacked full confirmation. Reference to this subject was made in the volume of Mineral Resources for 1900. The repeated occurrences in North Carolina, however, and the similarity of conditions in upper Georgia, would afford grounds for expecting occasional diamond finds in the latter region. In November last a peculiar looking little stone was noticed and picked up by a lad on his father's plantation in Lee County, a few miles from Columbus, Ga. When



his was shown to a jeweler in that city he advised as being sent to Messrs. Tiffany & Co., of New York, as perhaps valuable. This course was taken and the stone was pronounced of good quality. The stone was a flattened hexoctahedron of 15 1/16 karats; it measured 10 by 8 by 6 m. m., and was white, with a tint of green. The owner was Mr. B. F. Hudson, of Columbus, Ga.

## MONTANA.

Toward the close of the year one or two prospectors in the northeastern part of Fergus County, Mont., found a number of bright, white pebbles which they supposed to be diamonds. When these acts became known a furor began; and for a short time the excitement ran high over the diamond field of Montana, as it was claimed to be. Reports were widely circulated that New York experts had pronounced the stones to be genuine diamonds of fine quality. Prominent public men became interested and capital was ready to enter into operations at once if the rumors proved true. The stones were soon found not to be diamonds; and it was then asserted that they must be white sapphires; but the fact was finally recognized that they were rolled crystals of dodecahedral (bipyramidal) quartz. In a few weeks the Montana diamond field excitement had taken its place with the other similar furores that have from time to time agitated the mining world for a brief period.

## BORNEO.

The first extended account of the diamond producing district of Borneo that has been accessible to the general scientific world, has been published in the Annales des Mines for 1901, by M. Gascuel, a mining engineer. This is not, indeed, a full account of the Bornean diamond beds, as it deals only with one of the most important of several regions; but it possesses very considerable interest, and adds much to our previous imperfect knowledge.

Diamond-bearing deposits have been known and worked for centuries by the Malays, at both the eastern and western extremities of the northern coast of the island. The latter region is that around andak, not far from Pontianak, the capital of the western district. The former, which alone was visited by M. Gascuel, and to which his account is confined, is in the region of Martapoera, near Banjarmasin, the capital of the northern and eastern districts. This town, the starting point of any access to the mines, lies on the Martapoera river, somewhat above its junction with the Barito, and about four hours by steamboat from the mouth of the latter. The entire coast region for a long distance inland is low and marshy, and Banjarmasin itself is built almost in the water. Only by a careful system of ditches and drainage canals can communication be kept open over this low land, and in the rainy season the country is inundated for 20 miles farther inland. The population of the place is 40,000 or more, of whom possibly 100 may be Europeans, chiefly officials; several thousand are Chinese and Arabs, and the rest are Malays.

From Banjarmasin the route is by native boats, "sam bangans," up the Martapoera River to the town of the same name. The country is a marshy at all the way, about 20 miles in a right line, but traversed only through an endless network of branches of the river Martapoera is, or rather was, the export point for the whole diamond region round and above it, and the business was once very active. Now, however, it has declined, from various causes (to be referred to presently), that only a few persons are engaged in it. The diamond-bearing region lies along the valleys of two streams that unite to form the Martapoera and of their affluents, and in the valley of the Bandjoe-avy, it is this last named that M. Gascuel chiefly describes, but the general mode of occurrences is the same in all.

The Bandjoe-Iravy deposits are the most important; they extend over an area of 20,000 hectares north and south of that river. At the east they rest against a line of low hills composed of lignitic escarpment beds, and to the west they dip beneath the great marshy area of the coastal region. Our villages here that were formerly active and populous, are now almost deserted, only one retaining any vitality. The country is full of low hills clothed with vegetation, between which wind innumerable deep and narrow depressions containing marshy streams. During the rainy season these valleys are submerged; in the dry season they are somewhat accessible.

The diamond-bearing bed consists of a layer of other coarse gravel, encountered at varying depths below the surface and forming the basal member of a series of deposits in the depressions and sometimes on the sides of the intervening hills.

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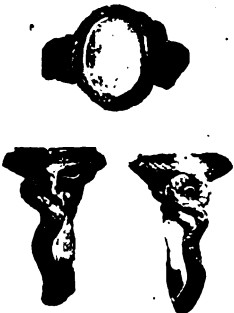
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locks. This gravel layer is very variable in thickness, but is rarely as much as one meter thick. It may be very near the surface in the upper portions of the area, but in the lower parts the "overburden" may be several meters thick, even as much as 25. The bed is very regular in the lower and more open regions, but on passing among the hills and channels it becomes irregular and is sometimes interrupted. The content in diamonds is also extremely variable in different parts of the bed, as to number, size and quality.

The gravel varies from moderate-sized pebbles up to cobbles as large as a man's head. It consists mainly of quartz, white or at times iron-stained, with some rolled pieces of porphyritic rocks and micaceous quartzites, of partly decomposed granulite or peymatite, masses of shell limestone, and concretionary quartz from the limestones. No trace of basic rocks can be observed. The whole is penetrated and filled with clay, doubtless from the decomposition of feldspars.

The overlying material consists of several layers of clay and sand, very uniformly distributed through the district. The clays and clay marls are at the surface and pass gradually into sand beds, which in turn pass into gravel, which becomes coarser and finally merges into the diamond-bearing layer just described. The upper limit of the latter is therefore indefinite, and the only means of determining whether a given portion of the upper part of the diamond layer is productive or not is by trial washing. There is no indication to the eye. If diamonds are not found in the trial washing it does not follow, however, that the bed is barren of them at that level, for the presence or absence of certain associated minerals is relied upon as the test.

The diamond layer generally rests upon the country rock. This is either a red clay or a firm, dark bluish-gray argillaceous schist, both of Eocene age, which form the hillocks or hummocks between which the depressions wind irregularly. In the blue-gray schist occur beds of lignite, before alluded to, which have been worked and used as coal. At some points in the upper parts of the valleys the diamond bed is found resting upon a much older alluvial deposit, a sort of conglomerate of decomposed pebbles of a greenish rock, which in its turn overlies the Eocene red clay above mentioned. The diamond gravel, as before noted, is found to some extent on the flanks of the hillocks, and even occurs in some cases on their tops. But it diminishes in thickness, in the size of the pebbles, and in the content of diamonds as one ascends from the streams, until it becomes entirely barren of diamonds, and disappears altogether. M. Gascuel thus identifies the whole superficial series as later than the Eocene, and, from the fact that no subsequent change has occurred in the topography, as undoubtedly Tertiary. He regards it as the product of a great submergence or inundation, reaching to the base of the highlands, and followed by several minor ones, covering the heavier deposits of the first with the finer overlying beds. The small diamond-bearing areas found upon the hillocks he regards as concentration deposits due to subaerial erosion. These are the "padangs" of the natives—occasional and limited, but rich, and being dry, easily worked.

The diamonds are plainly derived from acidic rocks—granulites or pegmatites—evidently accompanied by heavy veins of quartz. The late M. Hooze, an engineer of the Dutch government, for many years in Martapura, published the results of an external geological study (Jahrbuch von der Mijnwegen N. C. I., 222 année.), of the region in 1898, in which he emphasized the fact that the diamantiferous river valleys are flanked by crystalline schists in their upper portions, but also noted that the presence of these rocks was no guaranty of that of diamonds, which are found only at certain points. M. Gascuel refers also to the absence of crystalline schists in the diamond gravel. He therefore concludes that they had their source in acidic veins or dikes, far up in the unknown and almost inaccessible mountains that encompass the basin. The diamonds themselves are almost always sharply crystallized, with little evidence of wear. They are notably hard, however. The form is usually the octahedron, with the dodecahedron, hexoctahedron, etc. In color they may be of very poor water, but are also yellowish, bright yellow, rose-red (*intan rajah* of the natives, i. e., royal diamond), bluish *cintan ajaw laut*, or sea-water diamond), smoky, and black. The red and blue are very rare and valuable; the black are even scarcer and are prized by the natives as charms or good-fortune stones. Hooze states that "concretionary" diamonds (round borts), are sometimes found.

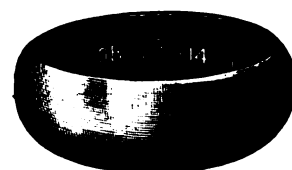
(To be continued.)



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### Death of Geo. T. Beeland.

MACON, Ga., Sept. 10.—Geo. T. Beeland, a well-known jeweler of this city, died Sunday morning at his residence on Magnolia St. Mr. Beeland, who conducted a store at 253 Second St., had been in ill health for the past few years.

Some time ago he went to Porter Springs, hoping to be benefited, and came home Thursday last, apparently improved in health. He took a sudden turn for the worse Sunday, however, and although a physician was immediately summoned, all efforts proved unavailing, and Mr. Beeland passed peacefully away.

The deceased was born 44 years ago at Millidgeville, Ga., but came to Macon with his parents when an infant. He lived practically his entire life in this city. He was prominent as a citizen and was a member of the Mulberry St. Methodist Church. He was also prominent in religious works, being a member of the board of stewards of the church.

The deceased is survived by his father and mother, two brothers and two sisters. The funeral took place Monday evening from the Mulberry St. Church, and the services were conducted by the Rev. W. Ainsworth.

### Death of Maurice J. Power.

Maurice J. Power, head of the National Fine Art Company, died Sept. 7 at his home, 317 E. 19th St., New York, from pneumonia.

Mr. Power was born in Ireland 64 years ago, and came to this country when he was 12 years old. He became identified with bronze work, and when 30 years old was the head of the National Fine Art Co. This company did much work for prominent jewelry firms, and also cast some of the finest bronze statues in the country.

Of late years Mr. Power had been very prominently identified with politics. He had been a Police Justice, United States Shipping Commissioner, and was Aqueduct Commissioner.

He is survived by his widow. The funeral was held Thursday morning at the Church of the Epiphany, New York. The interment was in Calvary Cemetery.

W. E. Dennis, Corydon, Ia., has sold out.

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## Annual Convention of the Retail Merchants' Association of Canada.

TORONTO, Can., Sept. 11.—The annual convention of the Retail Merchants' Association of Canada was held on the 9th and 10th inst. in the Temple building in this city. About 80 delegates were in attendance. Mayor Howland and Ald. J. J. Ward, chairman of the reception committee, tendered them a hearty welcome.

The chair was occupied by President Hargreaves, Toronto. The President's annual address reviewed the work of the organization, first organized in 1897, in assailing the abuses of false advertising, dishonest dealing, unfair taxation and the monopolizing tactics of the department stores and big corporations. The distinctive principle of the association was to prevent any tradesman from obtaining an unfair advantage over others. He urged the establishment of branches of the association in every town and city.

E. M. Trowern, secretary, presented his report, dealing in detail with the various matters the association had brought before the attention of the Ontario Legislature, including the trading stamp nuisance, which it had succeeded in suppressing. It was now fighting against unfair assessment and was determined to have the Toronto Assessment Department thoroughly investigated, so as to prevent for the future the discrimination practiced in favor of the department stores. He suggested the appointment of three assessment commissioners in place of the present official.

A very large number of resolutions were presented, the discussion of which occupied the succeeding sessions. Among those finally adopted were resolutions favoring the taking of action to secure uniformity in license fees in those branches of retail trade in which a license is required, the abolition of the fee system in relation to the inspection of weights and measures; reduction of costs in actions for the collection of debts; penalties for false advertising and stamping of goods; that corporations be made amenable to the law to

the same extent as individuals; that department stores be properly assessed and taxed, and that merchants be encouraged to handle Canadian goods as far as possible.

The following officers were elected: President, G. J. St. Leger, Toronto; first vice-president, A. L. Green, Belleville; second vice-president, B. G. Davis, Windsor; treasurer, W. D. Rogers, Toronto; secretary, E. M. Trowern, Trenton.

Short addresses were made by the newly elected officers, after which the convention closed. The next meeting will be held at Hamilton, Ont., during the month of February.

## Action to Forfeit Mrs. Dulles' Necklace Begins in United States Court.

United States District Attorney Burnett began proceedings Sept. 8 in the United States District Court at New York for the forfeiture of the pearl necklace seized by the customs officials from Mrs. L. Harrison Dulles, who arrived July 22 on the *Kronprinz Wilhelm*. The necklace consists of 246 pearls and one diamond clasp, and was taken from Mrs. Dulles by William H. Theobald, a special employe of the Treasury Department. The full details of the seizure have already been published in THE CIRCULAR-WEEKLY.

The information filed by the United States District Attorney alleges that Mrs. Dulles attempted to defraud the revenue of the United States and to clandestinely introduce the necklace into the United States, and that it was not declared to the customs officials, and that these acts were in violation of Sections 2,802, 3,082, 2,800 and 2,801 of the Revised Statutes of the United States.

De Lancy Nicoll, of the firm of Nicoll, Anabel & Lindsey, is the attorney for Mrs. Dulles, and proceedings for the remission of the forfeiture of the necklace will probably be begun by him within a very few days. The necklace was valued at \$2,613.76.

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### Minneapolis Jeweler Arrested in Butte, Mont., Released on Habeas Corpus.

BUTTE, Mont., Sept. 10.—Joseph Cohen, a jeweler of Minneapolis, Minn., was arrested here on Sept. 4 as the result of a telegram from the Chief of Police of Minneapolis. It appears that Cohen was indicted by the Minneapolis Grand Jury on information furnished the authorities to the effect that he had acted as a go-between in the collection of money from women of ill repute, handing, it is alleged, part of the proceeds to the police.

Cohen landed here a week ago and was soon taken into custody and placed in the county jail. He professed the greatest anxiety to return to Minneapolis, but strongly objected to the escort of an officer.

Saturday he secured the services of an attorney and sued out a writ of habeas corpus on the ground that he was illegally detained, not being, he said, a fugitive from justice. The Judge before whom the case came up decided that he was entitled to his liberty, and he was accordingly released from jail.

Meanwhile a sheriff from Minneapolis had arrived, and an agreement was reached by which Cohen volunteered to return to Minneapolis in company with the officer, who is armed with a warrant for his arrest, which will be served as soon as they reach the soil of Minnesota.

Cohen claims there is no criminal charge against him, and he is only wanted as a witness.

### Thief Bought a Watch Key and Stole Four Rings.

ST. JOHNSBURY, Vt., Sept. 10.—George M. Swatland was arrested here Tuesday night on a charge of stealing five valuable rings from Chas. E. Simanton's jewelry store. The prisoner, it is said, while being shown some rings, called for a

watch key. When the clerk turned away to get the key, Swatland, it is alleged, took the rings and put them in his pocket. He paid for the watch key and walked out.

The rings were immediately missed, and a policeman was notified. The officer found Swatland on the street with the rings on his hand, which were identified by the clerk.

### Silver Company Incorporated in New Jersey With \$3,000,000 Capital.

TRENTON, N. J., Sept. 11.—The United States Silver Corporation, capital \$3,000,000, filed a certificate of incorporation yesterday. The stock is divided into 30,000 shares. The company begins business with \$9,000 paid-in capital, 30 shares of the stock being owned by each of the following: Leonard D. Baldwin, G. Frederick Smith and Frank R. Serles, of East Orange, N. J. The objects of the company are:

"To manufacture, buy, sell, deal in and deal with silverware, plated ware, cutlery, hardware, metal ware, glass ware, wood ware, tin ware, metals, machinery, and all articles or products in the manufacture or composition of which metal, glass, pottery or wood is an element or factor wholly or in part, including the business of manufacturing, selling, importing, exporting, dealing in and dealing with novelties and specialties of every sort and kind, clocks, watches and all similar articles, lamps, caskets, hardware, bicycle sundries and fittings, celluloid goods, including the acquisition by purchase, manufacture or otherwise of all materials, supplies and other articles necessary or convenient for use in connection with and in carrying on the business herein mentioned, or any part thereof."

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TRADE MARK AMERICAN CASES.  
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In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

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in complete variety  
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### Thief Wanted for Desio Robbery Almost Escapes Extradition.

PITTSBURGH, Pa., Sept. 12.—John Robinson, alias James Reilly, almost escaped being brought to face a charge of robbing the jewelry store of Gerome Desio, in Washington, over four years ago, by a mix-up in the names of himself and James Reilly, alias John Robinson, at the Western Penitentiary last week. Owing to the mistake being discovered at the last minute he will be arraigned to answer the charge at the October term of court. To Detective T. C. Johnson, of Allegheny, is ascribed the credit of the prisoner's designs being foiled.

Robinson was sentenced on Dec. 6, 1899, for robbing the jewelry store of R. Seidle & Sons, Fifth Ave., this city, which at the time caused much excitement, owing to its boldness. Robinson, with a pal, entered the store and while his confederate held the attention of the clerk, Robinson snatched a tray of diamonds and ran. He tried hard to escape, but Detective McGovern caught him after a fight. The same game was worked at the store of Desio, in Washington, prior to this time, but the thief and his companion escaped. Much time and money was spent in trying to discover the robber, but without success until Robinson was arrested for the Seidle robbery here.

Reilly, alias Robinson, was sentenced from Clearfield county and was to have been released Sept. 24. The prisoner, Robinson, alias Reilly, seeing his chance of escaping trial at Washington as his term for the Seidle robbery was almost out, gave his name as Reilly alias Robinson. The defec-

tive identification of the man they wanted by the Washington authorities also assisted Robinson in his designs.

Detective Johnson made an investigation which ended just as the prison authorities were about to turn over the wrong man to the Washington officers, and give Robinson his freedom, but Johnson convinced the officers that Robinson alias Reilly was their man.

Robinson was committed to the Allegheny County Jail to await his case being called at Washington, after being arraigned before United States Commissioner William T. Lindsay for identification.

### Death of William J. Voellinger.

VICKSBURG, Miss., Sept. 10.—Wm. J. Voellinger, whose death occurred a week ago at his residence in this city, had been engaged in the jewelry business here for a number of years. His most recent place of business was 103 N. Washington St.

The deceased had been ill but a very few days. He was a member of the George Washington Lodge, K. of P., and the funeral, which took place Friday, was conducted by that order.

Mr. Voellinger is survived by a mother, two brothers, two sisters and two sons.

Thieves last week entered the store of Mentor Rosenbloom & Co., Peoria, Ill., and made off with \$300 worth of silverware, which that firm had on display and which was to be used as premiums. The burglars entered through a transom, which had been left open.

**A.W.C.CO.** 14 and 18 k.

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**COMMANDER**  
14 K  
GUARANTEED  
**25 YEARS**

**ELGIN PRIDE**  
ONE QUARTER 14 KARAT GOLD  
MADE LIKE SOLID GOLD CASES  
**PERPETUAL GUARANTEE**

**GIANT**  
14 K  
GUARANTEED  
**20 YEARS**

## **Quality Makes Reputation**

A Watch Case that possesses the many qualities of the ELGIN PRIDE is one that will make an enviable reputation for the jeweler who sells it. BE ONE OF THOSE JEWELERS.

UNIQUE DESIGNS.

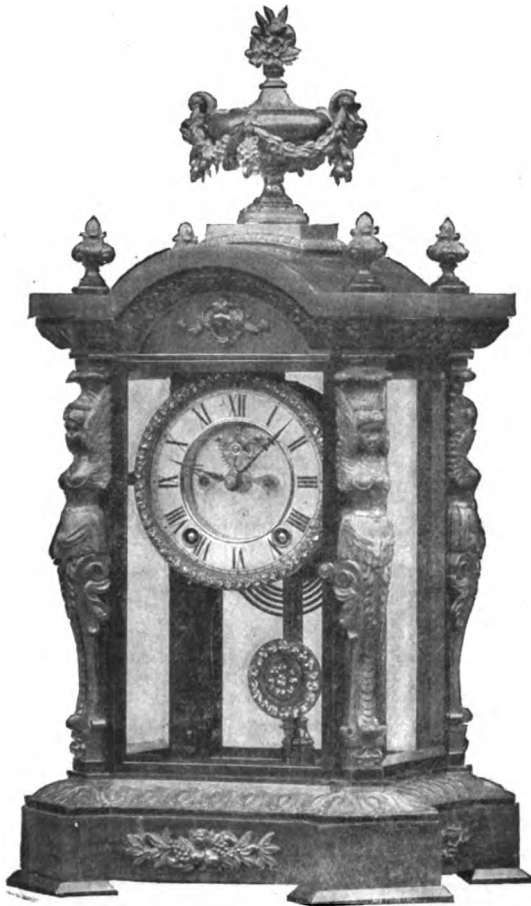
¾ GOLD 14 KARAT.

PERPETUAL GUARANTEE.

**Illinois Watch Case Co., Elgin.**



# CLOCKS



## SOVEREIGN.

Eight-Day, Half-Hour Gong Strike.  
Height, 18½ inches. Width, 10 inches.  
Porcelain Visible Escapement Dial, 4½ inches.  
Arabic or Roman.  
Mercurial Pendulum.  
Beveled Plate Glass Front, Sides and Back, Rich  
Gold Finish, Real Bronze, Onyx Base and Top.  
Also made with Jeweled Sash and Pendulum.



The mark that's known the world over.

## THE ANSONIA CLOCK CO.,

NEW YORK, 99 JOHN STREET.  
CHICAGO, 90-94 WABASH AVENUE.

No article a jeweler can display in his window will attract the eye of the passerby as quickly as an artistic clock. It serves a double purpose—it attracts attention not only to itself but to the other goods as well. A line of attractive clocks will beautify the window and attract to the store some customers who might not otherwise be interested.

**Push Your Clock Department, it pays.**

The kind of clocks that always attract bear this mark.

### The New Time Ball about to be Installed at Boston, Mass

Boston, Sept. 12.—The time ball to be placed on top of the Ames building, a 13-story structure at Washington and Court Sts., arrived in Boston yesterday, with part of the machinery, on the steamer *Howard*, having been built at Crawford, Va. The apparatus weighs 7,300 pounds. It embodies new and up-to-date ideas and is of such material and so constructed that it will be absolutely impervious to the elements.

Work of installing the ball on top of the Ames building, commanding a view of the harbor and other points, will begin at once. The ball will be operated by a direct wire from the Hydrographic Office at Washington, connected with the local branch office. Lieutenant Richardson, of the Boston Hydrographic Office, went to Washington today in regard to matters relating to the time ball, and on his return will stop at Philadelphia, to secure a chronometer, which will be kept in his office at the Custom House and will be regulated by the Washington time; in case of wire trouble between here and Washington, this time-piece can be used for dropping the ball until communications are again established with headquarters.

The credit for securing the time ball is due to the Boston Chamber of Commerce. It was considerably more than a year ago when Secretary Elwyn G. Preston, of that organization, while coming up the harbor, was approached by a tugboat captain, who said, pointing to the Ames building, "What a fine place that would be for a time ball. We have nothing but clocks and watches with which to regulate our chronometers."

When the apparatus is in place and the wires connected, the ball will be hoisted each day by an employe of the hydrographic office, perhaps 10 or 15 minutes before the noon hour. Either Mr. Richardson or one of his assistants will then follow the time as announced by clicks on the wire from Washington. These will cease 10 seconds before the noon hour, and then the switch connecting the Washington wire with the shorter one between the Custom House and the Ames building will be turned on. Exactly on the stroke of 12 in the Naval Observatory in Washington will come the tick that causes the time ball to fall from the pole on which it is placed into the drum below.

All the world's a stage.  
Elgin Watches are the prompters.

# Elgin Watches

have prompted profitable trade for more than a third of a century—more than 10,000,000 have been made, and sold. Fully guaranteed against original defect. Send to your jobber for price list. Art booklet sent on request.

Manufactured and guaranteed by the ELGIN NATIONAL WATCH COMPANY

Factories, Elgin, Illinois, U. S. A. General Offices, 78 Monroe St., Chicago. New York Office, 11 John St. San Francisco, 206 Kearny St.





When you buy a watch for your son insist on having it put in a

## Wadsworth Watch Case

When he is as old as you, the watch will be as good as new. Strength, rigidity and finish guaranteed for 25 years. An inferior case rarely lasts over five years. A Wadsworth Case is as good an investment as a Government Bond. Best worth and wear; superior strength and mechanical perfection; resists jar and jolt as does no other watch case. Protects the works absolutely from dust and moisture, lessens the liability to accident and adds years to their life.

Write for free booklet.  
THE WADSWORTH WATCH CASE CO.  
Dayton, Ky.

(Specimen Adv.)

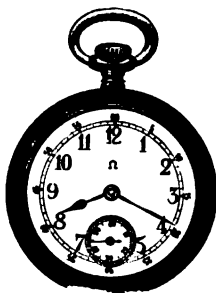
The advertisement on the side is one of a series that is telling people about the Wadsworth Watch Cases, and is appearing in such publications as *Century Magazine*, *Munsey's*, *Delineator*, *Engineer's Journal*, etc., publications that go into the homes of your customers and people whom you would like to have as customers. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in an assortment to meet first calls. There will be a larger demand for Wadsworth Cases than ever before.

THE WADSWORTH WATCH CASE CO.,  
Dayton, Kentucky.

# Omega Watches



ARE GOOD TIMEPIECES.

The O size,  
" 12 "  
" 16 "

7  
and 15  
Jewels

cased in Gold Filled or Solid Gold Cases, either Hunting or Open Face, are very good sellers.

AGENTS FOR HAMILTON AND ALL AMERICAN MOVEMENTS.  
FULL LINE OF ALL MAKES OF CASES CONSTANTLY ON HAND.

SEND FOR PRICE LIST.

## CROSS & BEGUELIN,

Established 1863.

17 MAIDEN LANE, NEW YORK.



The merchant prince, Marshall Field, remarked once to a friend: "I always try to be right 51 per cent. of my time." There is a lot in that. The fellow who makes up his mind to be right *all the time* will be busted in the long run by the man who insists on being right 51 per cent. of the time. We try to have our

# CHAINS R & D CHAINS

1/10—14Kt. and Ideals right 51 per cent. of the time, and the increase of our business shows that Marshall Field and we agree in this matter.

## RODENBERG & DUNN,

NEW YORK OFFICE,  
9-11-13 MAIDEN LANE.

PROVIDENCE, R. I.,  
183-185 EDDY STREET.



WRIST BAG, No. 425.

## Gun Metal.

CHATELAIN BAGS.  
WRIST BAGS.  
PURSES.  
DRAW-STRING BAGS.

*Lorgnettes, Lorgnette Chains*  
of every description.

*Cigar, Cigarette and Match*  
*Boxes.*

*Hat Pins, Fobs, Lockets and*  
*Card Cases.*

*Belt-Buckles, Belt and Chat-*  
*elaine Pins, Link Buttons*  
in great variety.

*Umbrella and Cane Handles.*

Also a fine line of the same  
articles in silver and gold.

**J. N. PROVENZANO,**  
MAKER, 114 E. 14 Street, NEW YORK.

Pioneer in the making of American Gun Metal.

### Rothschild Convicted.

#### Noted Swindler Sentenced for Attempting to Defraud New York Jewelers.

CARLISLE, Pa., September 10.—"Abe" Rothschild, the most accomplished and widely known swindler in the country, was convicted here to-day of conspiracy in an attempt to defraud more than 30 New York jewelers out of nearly \$250,000 of jewelry and diamonds.

Rothschild was defended by a brilliant array of legal talent, but his attorneys were unable to save him, and, when his "pal," Thomas Best, turned State's evidence and told the whole story of the attempted swindle of June 19 the jury was convinced that Rothschild had added another crime to his long record.

Immediately following his conviction, Rothschild's counsel moved for a new trial, and a hard fight will be made to keep the swindler out of prison.

The credit of Rothschild's conviction should be given to the New York Jewelers Association and Board of Trade, who at considerable expense hired Pinkerton detectives and traced the various transactions of Best and Rothschild from the time they first met in New York until they were arrested in Pennsylvania. Many witnesses were secured by the Association, and it is through these witnesses that Rothschild's connection with Best was firmly established in the minds of the jury.

Mrs. Meyers, who conducts a boarding house on Greenwich Ave., New York, was induced to go to Harrisburgh as a witness in the case. She said that Best had boarded with her and that Rothschild called frequently, and that the two wrote several letters of the kind that were subsequently received by New York jewelers, asking for goods on memorandum.

This was the first link in the long chain of evidence that connected Rothschild with Best. After this came 20 other witnesses, including conductors, postal authorities, telegraph operators, barbers and citizens of Shippensburg, whose testimony made positive the fact that Best and Rothschild were in partnership.

After Best had told his story on the stand, Rothschild told his own story, and so cleverly was this arranged, it almost seemed that he had prearranged evidence, so that in case of his arrest he could not possibly be identified as the accomplice of Best. He said he was employed by a fixture house of New York, and that Best, who was about to open a jewelry store in Shippensburg, told him he would pay his expenses there if he would go with him and take measurements of the store for a lot of fixtures. Rothschild said he accompanied Best, and that he purchased a two-foot rule and lead pencil in a store in Shippensburg with which to make the necessary data for the fixtures. This pencil and rule were found on him when arrested.

Despite his plausible explanation of incriminating facts, through the witnesses secured by the New York Jewelers Association and Board of Trade, Rothschild's story was discredited.

CARLISLE, Pa., Sept. 15.—"Abe" Rothschild and Thomas Best were to-day sen-



**First,  
Always.**

Be sure to see that every  
Swivel bears the mark  
W. & S. B.★



## THE "OLD RELIABLE" W. & S. B.★ CHAINS

are the Blue Ribbon Chains—the best not only this year or last year. They were the best 37 years ago. Before any other chain now on the market was heard of, the W. & S. B.★ Chain had gained an enviable reputation as the "OLD RELIABLE." It was acknowledged the best selling chain—it was proven by impartial assays to contain the most gold. Its position of pre-eminence was practically unchallenged.

All that was true of the W. & S. B.★ Chain 37 years ago is true of it to-day. All the qualities that it then possessed it possesses now—the same quantity of gold, the same carefulness of workmanship, the same fineness of finish—with additional virtues, that our 37 years of experience have enabled us to produce. The W. & S. B.★ Chain of to-day is compared with the W. & S. B.★ Chain of 37 years ago because there is no other, and never has been any other, so worthy of comparison. Handle this chain, recommend this chain, and your reputation as a reliable jeweler will be strengthened.

### W. & S. BLACKINTON CO.,

NEW YORK OFFICE,  
14 MAIDEN LANE.

FACTORY,  
NORTH ATTLEBORO, MASS.



# We've Done the Talking for You

It takes little talk now to "move" Simmons Chains. We've done the talking—have told your customers over and over about

## Simmons Watch Chains

Yours is now the simple task to make a good showing of them in your cases, to attractively and frequently display them in your window.

**R. F. SIMMONS CO.,**  
Attleboro, Mass.

New York, 9 Maiden Lane.  
Chicago,  
126 State Street.

**W&R**  
Trade-Mark.

**WEIGLE & ROSE,**

FRED T. WEIGLE.  
EARNEST A. ROSE.

MAKERS OF

**SOLID GOLD RINGS,**

61 ARLINGTON ST., NEWARK, N. J.

GUARANTEED PLUMP 10K. RINGS IN THE  
LATEST AND MOST STAPLE PATTERNS.

SPECIAL ORDER AND FINE  
REPAIR WORK SOLICITED.

**ALOIS KOHN & CO.,**

Established 1850.

16-18 MAIDEN LANE, NEW YORK.

Manufacturers, Exclusively, of

**SOLID GOLD CHAINS.**

We will send samples on consignment on receipt of satisfactory reference.  
Correspondence Solicited.

tenced by Judge Biddle after he had refused a motion for a new trial.

Rothschild was fined \$200 costs of the suit, and must serve in the Eastern Penitentiary for two years, the maximum penalty allowed. Best, who turned State's evidence, received a fine of \$100, costs of suit, and one year in the Carlisle jail.

A most remarkable feature of the trial was the almost entire absence of New York jewelers or their representatives, the only prosecuting parties present being Oliver G. Fessenden, president of the Jewelers' Protective Union, and a representative of John R. Wood & Sons. Concerning this fact, Mr. Fessenden said to a CIRCULAR-WEEKLY reporter: "It is to be regretted that jewelers do not take more interest in securing the conviction of a man who has attempted to swindle them after they have taken the liveliest measures to have him arrested, and particularly in the case of such a noted swindler as is Rothschild.

"Jewelers seem to think that, as soon as they get a swindler arrested, that is all there is to it, and that his conviction comes as a matter of course. As a point of fact, many swindlers and bunco men, in a great many cases, escape the prison because the persons whom they have swindled fail to show up at the trial. This not only allows all criminals to escape, but encourages criminality."

A sketch of "Abe" Rothschild's life and the various swindling schemes he has been identified with will be found in THE CIRCULAR-WEEKLY of June 25, 1902.

### Crystals Supposed to be Diamonds Found in Berrien Co., Ga.

TIFTON, Ga., Sept. 11.—W. J. Henderson, of Tifton, an expert mineralogist, yesterday astonished friends here by the exhibition of several stones which he thinks are pure diamonds. These he says he discovered in the bed of a river in Berrien county, but declines to say exactly where. He says that there are quantities of them where these were taken from.

The stones exhibited are of a transparent, glittering substance and will cut glass. Part of one that he took from the river bed has been sent to an expert, who pronounced it a genuine diamond. Henderson says the stone before it was broken was worth \$500. The other stones exhibited are from 3½ to 4½ karats each.

Mr. Henderson's discovery has excited a great deal of interest here, though it is hardly believed that diamonds can be found in this part of the south.

### Bessemer Jeweler Makes General Assignment.

DETROIT, Mich., Sept. 13.—It is reported here that David MacFarlane, a jeweler and druggist, of Bessemer, Mich., has filed a general assignment. H. M. Norris and S. S. Cooper are trustees.

Preferred creditors have claims for \$2,676, and other claims involving \$2,000 are in litigation.

Henry Schleuder, Redwood Falls, Minn., is on a three weeks' vacation and his business is being conducted by A. H. Retsloff, a jeweler of Manson, Ia.





**Sit down and think it over—**

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

**THE BASSETT JEWELRY CO.,**

*Manufacturers of High-Grade Rolled Plate Chains,*

FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.

NEW YORK OFFICE:  
87 Maiden Lane.

CHICAGO OFFICE:  
Masonic Temple Vaults.

SAN FRANCISCO OFFICE:  
120 Sutter St.

MINNEAPOLIS OFFICE:  
1116 Lumber Exchange.



# UNTERMAYER-ROBBINS Co.

*To the Jobbing Trade:*

In addition to our extensive line of Set and Signet Rings, we  
are now showing a large and varied line of entirely new

## High Grade and Popular Priced Small Brilliant and Rose Diamond Combination Rings.

We solicit comparison with other lines before placing your Fall orders.

### UNTERMAYER-ROBBINS CO.,

FACTORY,  
30 & 32 PLATT STREET. N. Y.

192 BROADWAY, NEW YORK.



**Providence.****TRADE CONDITIONS.**

Numerous salesmen are now out on the road and the manufacturers are awaiting the results of their travels. Indications, it is argued, point to a good season, and the members of the trade are banking considerably on a prosperous Fall and Winter. During the past week there have been one or two shops which have run nights in order to fill orders, but they are the exception rather than the rule, though there is no denying that there is an awakening all along the line, though the busy season is not yet on.

Straker & Bros., designers and die cutters, are now located at 102 Friendship St. After an enjoyable vacation spent in Newfoundland, William Loeb has returned to this city.

At the works of the Gorham Mfg. Co. is being made a bronze statue of Gen. Sherman which is to be placed in a prominent position near the United States Treasury building at Washington.

On Sept. 29 St. John's Commandery, K. T., expects to celebrate its 100th anniversary. Included among those on the committee which has the arrangements for the big event in charge are Henry Carpenter and Frank T. Pearce.

S. H. Manchester, of Fessenden & Co., who recently retired from membership in the School Committee because of the press of other affairs, and who has been confined to his home by illness, has recovered sufficiently to be once more about his office.

Among those directly or indirectly interested in the manufacture of jewelry who pay taxes on \$10,000 or more in the city of

Pawtucket, according to the latest figures of the tax assessors are Charles H. Fuller, \$105,620, and the United Wire & Supply Co., \$21,300.

There was another step in the affairs of the Lawton, Sherman Co., taken Saturday, when in the case of Frank B. Lawton *et al.* against that concern an order of notice was entered in the Appellate Division of the Supreme Court on the question of the confirmation of the receiver's report.

A suit in which damages to the amount of \$20,000 are asked has been brought by the Gorham Mfg. Co. against the New York, New Haven & Hartford Railroad Co. The plaintiff company owned some ice houses at Mashapaug Pond. They were destroyed by fire several years ago and it is claimed that a spark from a passing engine on the road of the defendant corporation was responsible for the blaze. Hence the suit. The owners of the ice have asked for \$25,000 damages.

Many local jewelers were interested to learn last week that a new field for their product might possibly be opening up. On Wednesday the schooner *Carrie A. Norton* inaugurated a packet line between this city and the Azores. On board she carried a miscellaneous cargo, including articles of jewelry. These articles will be displayed in the Azores and islands along the western coast of Africa and the promoters of the scheme are confident that a brisk little trade can be built up. The experiment will be watched with interest.

The Irons & Russell Relief Association

recently held its annual outing at Island Park. It was the third annual outing of the association and was largely attended. Special electric cars were used to convey the members and guests to their destination. Upon their arrival a genuine Rhode Island clam dinner with all the "fixins'" was served and then ensued sports of a varied nature, after a business meeting had been held. At this meeting the following were elected for the ensuing year: President, Richard Turner; vice-president, Charles Sullivan; secretary, G. Richards Whittemore; treasurer, Charles Webster; auditing committee, Max Schwarz and William Donnelly; visiting committee, Edward Swan, Alfred Williams, Hiram Ide, Matilda Hunold and Mrs. Lillian Davis.

**Attleboro.**

L. J. Lamb, of C. H. Allen & Co., and J. Lyman Sweet, of the R. F. Simmons Co., with their wives, were given a hearty welcome Friday to Attleboro, after several months in Europe.

A representative of B. & M. Katz, New York; Eugene Friedberger, New York; H. Levitan, Boston, and M. Schlotosky, of Boston were among the buyers who visited Attleboro, Friday and Saturday.

H. Gilbert Coyle, electroplater and refiner, Saturday filed a voluntary petition of bankruptcy, naming his liabilities as \$720 and his assets as \$580. Three attachments cover the rest of the property.

Peter Nerney of the Bay State Optical Co., William H. Smith, of Smith & Crosby, John W. Cody, with Smith & Crosby, Thomas E. McCaffrey, late of P. J. Cummings & Co., Harold E. Sweet, of the R. F. Simmons Co., and Mace B. Short of the Bay State Optical Co., were last week selected by the Attleboro Democrats as delegates to their various conventions.

There has been much dispute for the whole Summer, who was Attleboro's best golf player. To settle it, last week Fred H. Hill, of Frederick H. Hill & Co., Ernest J. Qvarnstrom, of Carter, Qvarnstrom & Remington, and Louis B. Jones, of C. A. Marsh & Co., went around the links, and finished with fine scores, in this order. Jones, Hill, Qvarnstrom.

**North Attleboro.****TRADE CONDITIONS.**

Business is still growing in this town and the chances are favorable for a still greater increase from now until Christmas. Nearly all the jewelry salesmen are in their districts and they are everywhere finding all the business they can manage. Three factories in town are now working until 9 o'clock evenings to catch up with the orders.

J. F. Sturdy's Sons commenced last week running evenings until 9 o'clock.

Fred Brigham, western salesman for Cheever, Tweedy & Co., is in the west.

Donald LeStage, western salesman for H. D. Merritt & Co., is now in the west.

O. B. Clifford, eastern salesman for G. K. Webster, started out on a short business trip last week.

Arthur Coddington, of Coddington & Heilborn Co., has sold his automobile and intends to buy a heavier and stronger machine.

Owing to the recent rush in the shops

# Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

**HAYDEN W. WHEELER & Co.,**

**TWO MAIDEN LANE, N. Y.**

Telephone, 8 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

ALFRED H. SMITH & CO.,

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.

## The Greatest Brilliancy



BOTTOM.



SIDE.



TOP.

possible is obtained by the new 20th Century Style of Diamond Cutting. We offer these diamonds to the Trade in three colors, viz.:

“Wesselton,” “Blue Wesselton” and “River.” All sizes.

**Neresheimer & Co.,**

2 and 4 Maiden Lane and 170 Broadway . NEW YORK.



**WM S. HEDGES & CO.,**  
IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**

**DIAMOND JEWELRY.**  
**170 Broadway, BROADWAY-MAIDEN LANE BUILDING, New York.**  
26 Holborn Viaduct, London.

**Diamonds, Pearls**  
AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**  
IMPORTERS AND CUTTERS, 1 MAIDEN LANE, NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS AND OTHER**  
**PRECIOUS STONES**  
FINE PEARLS A SPECIALTY.

68 Nassau St., cor. John St., Sheldon Building, Room 16 NEW YORK.

CHARLES L. POWER.

ROBT. B. ALLAN.

**CHARLES L. POWER & CO.,**  
CUTTERS AND IMPORTERS OF  
**Diamonds, Rubies, Pearls, Emeralds, Sapphires,**  
**170 Broadway, BROADWAY-MAIDEN LANE BUILDING, 2 Maiden Lane, NEW YORK.**

**SMITH & NORTH,**  
IMPORTERS OF  
**DIAMONDS.**  
DEALERS IN  
AMERICAN WATCHES AND FINE JEWELRY.  
14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**  
**14 MAIDEN LANE, NEW YORK.**  
LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.

several ball games which were to have been played between rival teams made up of the employes of the jewelry factories have been called off.

T. I. Smith & Co. are testing a new automobile, a product of their factory. It is probable that that firm will manufacture automobiles as a side line to their jewelry business.

**Plainville.**

**TRADE CONDITIONS.**

The rush of business is still on the increase. Orders are pouring in from all sides and the factories are kept running steadily to keep up with them. New help is in demand, but owing to the universal good business it is hard to find. Salesmen are all out on the road and are kept busy all the time.

The Plainville Stock Co. is running evenings until 9 o'clock. The salesmen of the company are in their respective districts and report an excellent business.

C. E. Bunker has been engaged by Whiting & Davis to cover the far west and C. A. Whiting, who formerly covered that section, will now devote his time to the trade east of the Mississippi river.

**Connecticut.**

Col. Clayton H. Case, Hartford, was elected vice-president of the 10th Connecticut Volunteers' Veteran Association at its recent reunion in North Haven.

Jos. Schex, watchmaker, Bridgeport, was a victim of the old substitution game on Sept. 10. The thief substituted a worthless band ring for a solid gold ring, which he passed to a woman companion.

Sam Dodd, Geo. H. Wilcox and Geo. F. Rogers, Meriden, are on Meriden's general committee to boom the candidacy of Bank President and State Comptroller Chamberlain in that city for the nomination of Governor of Connecticut.

Arthur E. Hall, recently employed in the office of the Bradley & Hubbard Co., will shortly leave Meriden to become director in and secretary of the Hartford Blower Co., a newly organized manufacturing concern with a capital of \$50,000.

G. W. Fairchild & Sons, Bridgeport, donated the handsome silver trowel recently used in the laying of the cornerstone of the M. E. Church at Stratford. The members of the firm are residents of Stratford and interested in the new church building, the senior member of the firm being one of the building committee.

Walter S. Kintz, with James Dickson & Sons, Sheffield, Eng., and residing in Meriden, was recently married to Miss Ida May Magee, daughter of Mr. and Mrs. John Magee, Meriden. Mr. Kintz was for many years employed at Factory E, International Silver Co. The couple intend returning to Meriden in a short time.

Alex. Harper, a well known Bristol, Conn., man, and representative of the American Silver Co. in the southwest, recently met with an accident in Arkansas which affected the sight of one of his eyes. The treatment given by an oculist in that town was unavailing, and Mr. Harper subsequently went to Little Rock, where he is now under the care of a specialist.

Notices have been posted at Factory L.



International Silver Co., that, commencing Sept. 8, the factory would be operated on a full time schedule of 59 hours per week until further notice.

Geo. J. Fisher and wife are enjoying a vacation in the woods of Maine.

Elmer N. Sheldon, watchmaker, with Clark & True, Middletown, has returned from a vacation spent in Massachusetts.

H. L. Clark, of Clark & True, Middletown, is rapidly convalescing from his recent illness, and is now able to take an occasional drive with his friends.

Hon. Frederick G. Bromberg, Mobile, spoken of as a possibility for the Republican nomination for Governor, is a brother of F. W. Bromberg, of Birmingham.

### Boston.

James A. Rice, 418 Cambridge St., Cambridge, suffered from a slight fire damage last week. The flames started in the rear of the shop, but the blaze was extinguished before it had gained much headway.

E. F. Robinson, a jeweler in Ellsworth, Me., was in Boston last week, on his way home from Hot Springs, Va. His friends in the trade were much pleased to see the improvement in Mr. Robinson's health as the result of his trip.

The United States Electric Clock Co., 407 Broome St., New York, has opened a Boston office at 9 Bromfield St. J. A. Siegel, who has been with the company since its first starting, is in charge as manager, and is assisted by Harrison A. Clark.

C. M. Smith, superintendent at the factory of the American Waltham Watch Co., Waltham, Mass., has been confined to his home as the result of ivy poisoning. His condition is not considered serious, and it is expected that he will resume his duties within a short time.

George A. Carpenter, local representative of the Crescent Watch Case Co., is in Chicago on a short business trip. During the Summer months Mr. Carpenter has spent much of the time at his beautiful Summer home in Wolfboro, N. H., overlooking Lake Winnepesaukee.

D. C. Percival & Co., who occupy the entire second floor of the Jewelers building, are taking additional room by cutting through the wall of the rear part of their present quarters and adding on a room from the new building now in process of construction. With this addition the firm will be given considerable more floor space and will be able to make a better display of its many lines.

George A. Carpenter, one of the trustees of the Jewelers building, states that the addition to the building will probably be completed by the first part of January. There has been a long delay on the construction work of the building, owing to the inability of the contractors to secure steel for the framework. This difficulty

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL.

## MOUNT & WOODHULL,

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS.

IMPORTERS OF

DIAMONDS,       

OTHER PRECIOUS STONES,

PEARLS, ETC.       

MAKERS OF

FINE  
DIAMOND  
JEWELRY.

26 Maiden Lane

(Southwest Corner Nassau Street),

NEW YORK.



## SCHULZ & RUDOLPH,

IMPORTERS OF

Diamonds and other Precious Stones.

SOLE AGENTS FOR

JULES JÜRGENSEN WATCHES.

28 John Street and 65 Nassau Street, - New York.



We make a SPECIAL BID for the trade of Manufacturing and Wholesale Jewelers.

We would like to demonstrate our advantages to everyone interested. If you cannot call, send for memorandum package and prices.

**L. Heller & Son**

51 Maiden Lane, New York.  
PARIS: 5 Cité Trevisé.  
IDAR: 14 Hauptstrasse.

We are Most Favorably Situated for

OPALS,  
PEARLS,  
DOUBLETES,  
GARNETS.

Telephone,  
219 John.

**Eliassof Bros. & Co.**

IMPORTERS  
AND  
JOBBER OF

DIAMONDS  
WATCHES  
JEWELRY

9-11-13 MAIDEN LANE  
NEW YORK.

100 STATE STREET,  
ALBANY, N. Y.



## PEARLS.

256 Westminster St., Providence, R. I.  
10 Rue Cadet, Paris.

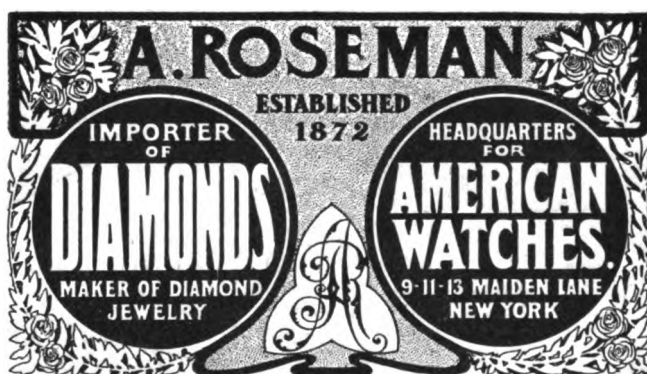
Tel. No.,  
662 Corti't.

Lapidary Works: 93-95 William St., New York.

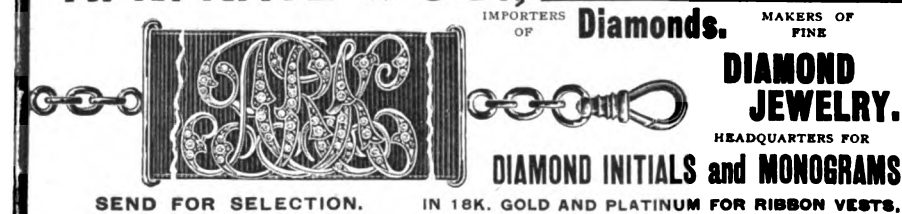
**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

**IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.**



**A. R. KATZ & CO., 87 Nassau St., New York.**



has been removed now, and the work of construction is being pushed forward as rapidly as possible. As there is a forfeit for every day the work is continued after early in November, it is safe to assume that all possible speed will be employed. Mr. Carpenter has received already several applications for rentals in the new building, and a complete list of the tenants will be published as soon as the leases have been signed.

S. A. Troeder, 373 Washington St., has removed to larger quarters in the same building.

Among the out-of-town buyers in Boston last week were seen: John Pierce, South Paris, Me.; Mrs. M. N. Kingsbury, of J. H. Hutchinson & Co., Portsmouth, N. H.; A. B. Forbush, Berlin, N. H.; J. J. Woodward, Somersworth, N. H.; W. F. Newhall, Lynn, Mass.; Joseph Geoffrion, Manchester, N. H.; C. A. Harriman, Bath, Me.; F. P. Fiske, Epping, N. H.; C. L. M. Bugbee, Newport, Vt.; G. A. Collins, Salem, Mass.; E. G. Wright, Putnam, Conn.; E. F. Welch, Westboro, Mass.

For some reason best known to the police there has been no public record made of a diamond robbery or loss which occurred Aug. 28 in the store of A. Stowell & Co., Inc., 24 Winter St. On that day Mrs. J. W. Cook, of 845 Boylston St., Back Bay, called at the store and had with her a small bag containing several valuable diamonds. While the woman was in conversation with one of the salesmen she laid her bag on the counter beside her, as she supposed, but a few minutes later the bag was missing. The next day the bag, minus the diamonds and a sum of money, was found in front of a flower stand on Winter St., and the boy in charge of the latter states that he saw a woman drop the bag. The case was reported to Chief Inspector Watts and two men were assigned to try to trace the missing diamonds, but up to to-day there has been no arrest.

# *Oppenheimer Bros. & Veith,*

*Cutters and Importers of Diamonds,  
Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NEWEN STS., BROOKLYN.



**Philadelphia.**

H. H. Thoman, a Woodbury jeweler, is joyful over a recent increase in his family.

Lou Sickles, of M. Sickles & Sons, will return with his family from Atlantic City to-day.

Z. J. Pequignot, 1322 Chestnut St., is again reported to be ill and confined to his home.

James J. Hayden, watchmaker, 1713 Wylie St., was married last week to Miss Hattie Rodgers.

Charles W. Bailey, of the Bailey, Banks & Biddle Co., is not expected to return from his vacation until Oct. 1.

C. W. Carey, watchmaker, has resigned his place at Wanamaker's to enter the employ of H. O. Hurlburt & Sons.

E. C. Albertson, a Bridgeton, N. J., jeweler, and M. R. Laudenslager, Souderton, Pa., were here buying, last week.

Fred Thomas, buyer for J. E. Caldwell & Co., made a business trip to the New England manufactories last week.

Wm. M. Todd, watchmaker, recently with Z. J. Pequignot, has opened a repair establishment for the trade at 36 S. 7th St.

With theft as a motive thieves smashed, last week, a show case in front of Wm. Long's store, 1629 Smith St., but were frightened off before they secured any booty.

Wm. Scheufele, emblem maker and manufacturing jeweler, 19 S. 9th St., who has been convalescing from a serious illness in Maine, has returned completely restored to health.

Harry Mercer, who is in jail in Kansas City convicted of stealing typewriters and who has written a sensational plea for help, backed by a picturesque story of downtrodden innocence, was formerly in the medallion business here at 902 Walnut St.

Charles W. Hamer, who recently succeeded to the business of his father, John R. Hamer, at 2323 Frankford Ave., has added the store property, 2321 Frankford Ave., to the establishment and has made

**EICHBERG & CO.,**

IMPORTERS AND CUTTERS OF

**DIAMONDS,**

65 NASSAU STREET

(Prescott Building),

NEW YORK.

**"The  
Pearl  
House."****EISENMANN BROS.,**

IMPORTERS OF

**FINE ORIENTAL PEARLS,**

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 &amp; 23 MAIDEN LANE, N. Y.

**EDUARD VAN DAM,**

IMPORTERS AND CUTTERS OF

**DIAMONDS.****AMSTERDAM:**CUTTING WORKS AND OFFICE,  
2 ALBERT CUYPSTRAAT.

LONDON, 31 HOLBORN VIADUCT.

**NEW YORK:**CUTTING WORKS AND OFFICE  
101 BEEKMAN STREET.

ANTWERP, 66 RUE DES FORTIFICATIONS.

**GARREAU & GRISER**  
66 & 70 Nassau St., New York.  
**LAPIDARIES. PRECIOUS  
GEMS In Unique Cuttings.****FRESH WATER PEARLS  
BOUGHT AND SOLD.**

Also PEARLS POLISHED

and all possible improvements made. Pearls damaged by setting or from wear with diamonds restored.

**JOHN HAACK,** Room 53, 11 John St.,  
New York.  
Office Hours: 1 to 3.

**We Buy American Pearls,**  
especially  
**Large and Fine Specimens.**

**JOSEPH FRANKEL'S SONS,**

Telephone 2733 John.

68 Nassau Street, New York.





# To Large Diamond Buyers:

## IMPORTANT

**O**UR recent large purchases of rough and other special facilities, among which are our cutting works, the largest and most completely equipped in this country, enable us to offer Diamonds of our own cutting in original lots to importers and large dealers at prices equal to those of any European Market, thus saving a duty of 10 per cent.

*This announcement means  
exactly what it says.*

## Stern Bros. & Co.,

68 NASSAU STREET,

CUTTING WORKS.  
138-142 W. 14th Street.

NEW YORK.

CHICAGO,  
149 STATE STREET.

LONDON,  
29 ELY PLACE.



extensive alterations, adding greatly to the attractiveness of the two stores. The clock and watch repair departments have been enlarged to accommodate six men. The new store will be used as an optical department and for the display of bric-à-brac, ceramics, fancy goods, etc.

Edward Herbein has entirely remodeled and refurnished his store at 1622 Market St.

H. O. Hurlburt & Sons, Friday, entered suit in a contest in the Common Pleas Court against Jennie B. Lyons.

Frederick Hensel, watchmaker, late with J. E. Caldwell & Co., has accepted a position with O. F. O'Neill, 2454 Kensington Ave.

The sympathy of the trade has been extended to Harry Smith, lapidary and manufacturing jeweler, 711 Sansom St., who lost a favorite child last week.

Burglars last week broke into the residence at 1717 Oxford St., of Robert L. Saunders, a jeweler at 13 S. 8th St., but were frightened away before they could steal anything.

The jewelry store of John Thulier, 8th and Passayunk Ave., which has been managed for some months past by David Berry, watchmaker, was to have been sold out at public auction yesterday.

M. F. Hamilton & Co., manufacturing and retail silversmiths, intend to make extensive improvements to the building at the N. W. cor. of 15th and Sansom Sts., with a view of furnishing more room for factory purposes.

J. E. Caldwell & Co., and the Bailey, Banks & Biddle Co. are displaying in their show windows the handsome trophies and prizes furnished by these two houses for award at the Bryn Mawr Horse Show, to be held next week.

Nearly \$700 worth of goods, including cutlery, fountain pens, silver toilet articles, silver desk ornaments and cut glass ware, was stolen last week from the store of Hiram Parker, Main and Price Sts., Germantown. The alleged thief is in custody.

William Cassidy, a lad of 13 years, who confessed to having robbed a Columbia Ave. jewelry store, was committed to jail in default of \$1,000 bail by Magistrate Kochersperger last week. Cassidy is accused of being one of a gang of juvenile thieves.

No authoritative statement could be secured last week concerning the intended removal of the Bailey, Banks & Biddle Co. from the southeast corner of 12th and Chestnut St. to 1218-20-22 Chestnut St., as has been persistently rumored for several weeks. It is known, however, that the jewelers were unable to secure an extension of their lease for any considerable period and in consequence negotiated for the purchase of the properties mentioned. That these negotiations have been brought to a successful conclusion is indicated by the positive statements in the real estate columns of the local papers last week that the Thompson-Starrett Co., of this city and New York, had been awarded the contract for the proposed new building to be erected by the jewelers at 1218-20-22 Chestnut St. It was stated that the present white marble structure would be torn down to make way for a handsome 9-story fireproof building about 75 x 100 ft. The plans and specifications for the new building have



**WORLD BRAND**

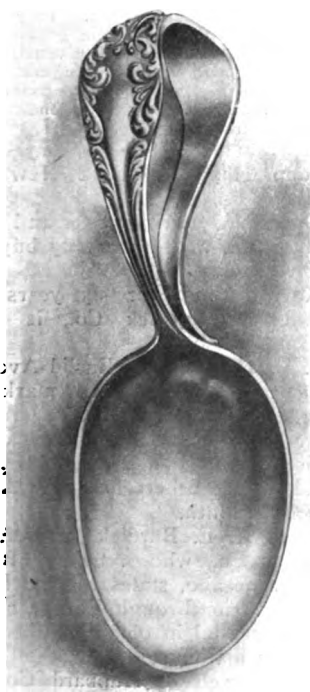
SILVERWARE OF QUALITY BY GIFTED ARTISANS.

"WORLD BRAND" Silverware is appreciated by lovers of BEAUTIFUL SILVERWARE because of its exquisite designs and finish, and by the purchaser because of its superior quality and splendid wear. ALL FLATWARE bearing the "WORLD BRAND" trade-mark is guaranteed to be of the highest grade GERMAN SILVER BASE and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

THE AMERICAN SILVER CO.

THE AMERICAN SILVER CO. FACTORY BRISTOL CONN.

"MORE THAN  
TRIPLE PLATE."



THE "AVALON."

## "ONEIDA COMMUNITY QUALITY"

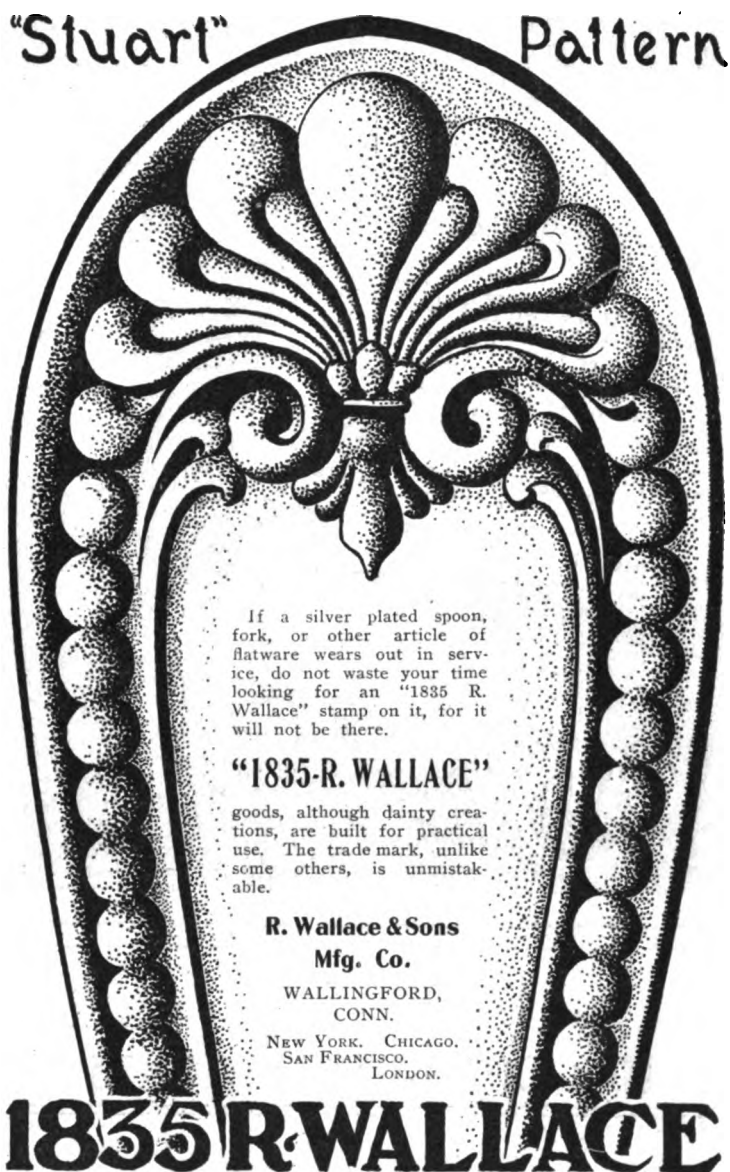
Spoons, Forks and Knives will presently be known to every householder through the best advertising mediums. Jewelers are invited to anticipate the demand for these meritorious goods by placing them in their stocks. Address for information and Free Illustrated Booklet, "*About Oneida Community.*"

ONEIDA COMMUNITY,  
NIAGARA FALLS, N. Y.

413 Broadway, New York.



**"Stuart" Pattern**



If a silver plated spoon, fork, or other article of flatware wears out in service, do not waste your time looking for an "1835 R. Wallace" stamp on it, for it will not be there.

**"1835-R. WALLACE"**

goods, although dainty creations, are built for practical use. The trade mark, unlike some others, is unmistakable.

**R. Wallace & Sons**  
Mfg. Co.  
WALLINGFORD,  
CONN.  
NEW YORK. CHICAGO.  
SAN FRANCISCO. LONDON.

**1835 R. WALLACE**

*See the two centre pages in this issue  
of the Jewelers' Circular-Weekly.*

## STERLING NOVELTIES.

Golf Novelties.

Ping-Pong Novelties.

Miniature Cups and Prizes for Tennis, Yachting, Canoeing,  
and all Summer and year-round Sports.

The largest line—

Always up-to-date—

Prices right.

**MERRILL BROS. CO., 31 E. 17th St., New York.**

been prepared by H. L. A. Jaeckel & Co. The details of arrangement in the new building and the date for beginning its erection could not be learned by a CIRCULAR-WEEKLY reporter. The whole matter is in the hands of Charles W. Bailey, who is out of town on an extended vacation. Until he returns no one will assume the responsibility of corroborating or denying the conflicting reports heretofore published.

B. E. Loeper, watchmaker, who has removed to 114 S. 11th St., has handsomely refitted the rooms and will carry a line of watches, diamonds and jewelry for retail.

J. Warner Hutchins, Jacob Binder, Jr., and L. P. White, three well known Philadelphia jewelers, are spending the week on a gunning trip in the meadows at Atlantic City. They have made their headquarters at the Ours Club.

Ill health is assigned by Theodore Smith, of the firm of Smith & Dreer, 998 Arch St., as the reason for the contemplated dissolution of the business. The business was established by Mr. Smith in 1860. It has been successfully conducted at 10th and Arch Sts. since 1837.

It was a somewhat curious experience for J. Warner Hutchins, when he was called upon Saturday by the employes of Doyle & Doak, the contractors who tore down his old property at 22 S. 8th St. for the erection of Gimbel's big department store, to make a speech on their behalf presenting a diamond ring to Fred. Beebe, the manager, and a diamond stud to John Keyser, his assistant, as a souvenir of the completion of the work. Mr. Hutchins made the presentation speech on the site of his old store. Both the costly diamond presents were purchased by Doyle & Doak's employes from Mr. Hutchins.

### Cleveland.

#### TRADE CONDITIONS.

Jewelers state that business so far this Fall has been all they could expect. They have had a good demand for high-grade goods and the collections have been better than usual. Jobbers also state that their traveling men are making good reports and they believe that the retailers throughout the country are in better condition than they have been for some years.

John Heiman visited New York last week.

George A. Clark, jeweler and optician of Lorain, O., was in this city buying goods last week.

Karl J. Einig, for six years with the Bowler & Burdick Co., is now with Scribner & Loehr.

J. H. Heiman, 144 Euclid Ave., has just returned from the eastern markets with a new stock of Fall goods.

A. J. Miller, Massillon, O., and C. M. Wilson, Salem, O., gained a reputation as muskallonge fishers in Stony Lake, Ont., late last month.

Capt. R. E. Burdick, of the Bowler & Burdick Co., who returned from Italy some time ago, states that he had a very pleasant trip through Europe and that he was successful in obtaining the goods desired by his house.

The Cowell & Hubbard Co. have on exhibition 10 trophies in the form of large and beautiful cups, which will be presented as first prizes to the winners of the different contests in the automobile races at Glen-



# JUST OUT

FOUR NEW  
CATALOGS

SENT  
EXPRESS  
PAID.

No. 106.

DeWitt Pattern.

Tea Spoons.  
Dessert Spoons.  
Table Spoons.  
Dessert Forks.  
Medium Forks.  
A. D. Coffee Spoons, Silver Bowl.  
A. D. Coffee Spoons, Gold Bowl.  
Five O'clock Tea Spoons.  
Sugar Shells, Silver Bowl.  
Sugar Shells, Gold Bowl.  
Orange Spoons, Silver Bowl.  
Orange Spoons, Gold Bowl.  
Butter Knives.  
Bouillon Spoons, Silver Bowl.  
Bouillon Spoons, Gold Bowl.  
Individual Soup Spoon, Silver Bowl.  
Pie Knives, Silver Blade, boxed.  
Pie Knives, Gold Blade, boxed.  
Berry Spoons, Silver Bowl, boxed.  
Berry Spoons, Gold Bowl, boxed.  
Medium Ladles, Silver Bowl, boxed.  
Gravy Ladles, Silver Bowl, boxed.  
Cold Meat Forks, Silver Tines, boxed.  
Cold Meat Forks, Gold Tines, boxed.  
Salad Forks, Silver Tines, boxed.  
Salad Forks, Gold Tines, boxed.  
Cake Lifters, Silver Blade, boxed.  
Cake Lifters, Gold Blade, boxed.  
Pie Forks.  
Cream Ladles, Silver Bowl, boxed.  
Cream Ladles, Gold Bowl, boxed.  
Jelly Spoons, Silver Bowl, boxed.  
Jelly Spoons, Gold Bowl, boxed.  
Guaranteed full standard A1 Silver Plate on 21 per cent. Nickel Silver Base; Hand Burnished.  
Boxes are imitation white seal, padded cover, silk lined.

Triple Plate.

Tea Spoons.  
Dessert Spoons.  
Table Spoons.  
Dessert Forks.  
Medium Forks.

Guaranteed full Standard Triple Silver Plate on 21 per cent. Nickel Silver Base; Hand Burnished.

(We herewith show a page from our new illustrated Price-List of Flatware.)

We will be pleased to send express prepaid our four new catalogues, illustrating our full line of entirely New Goods, comprising Hollowware Catalogue, 175 pages; Flatware Price-List, 48 pages; Novelty Catalogue, 100 pages, and Nut Pick and Crack Catalogue, 16 pages.

We have 26 traveling representatives covering the entire United States and Canada, and would be pleased to have one call on you with a full line of samples.

## M. S. BENEDICT MFG. CO.

### FACTORIES:

Hollowware and Flatware,  
EAST SYRACUSE, N. Y.  
Novelties, Clocks, etc.  
OTTAWA, ILL.

ESTABLISHED 1883.  
INCORPORATED, 1902.

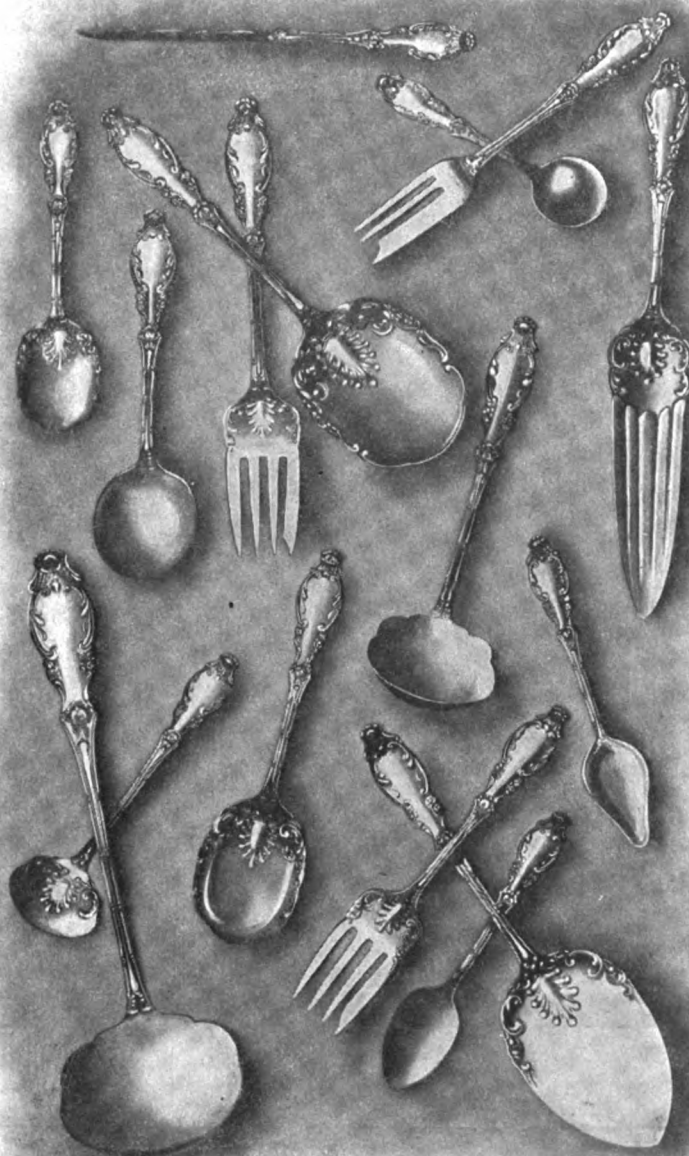
### INCLUDING

M. S. BENEDICT MFG. CO.  
HAMILTON MFG. CO.  
BENEDICT-CLARKE SILVER CO.  
BENEDICT-DUNN CO.

### SALESROOMS:

Chicago Office and Warehouse,  
109 AND 111 WABASH AVE.  
New York Office,  
409 BROADWAY.  
Toronto Office, 70 BAY ST.

COMPLETE STOCK CARRIED AND GOODS SHIPPED FROM CHICAGO.





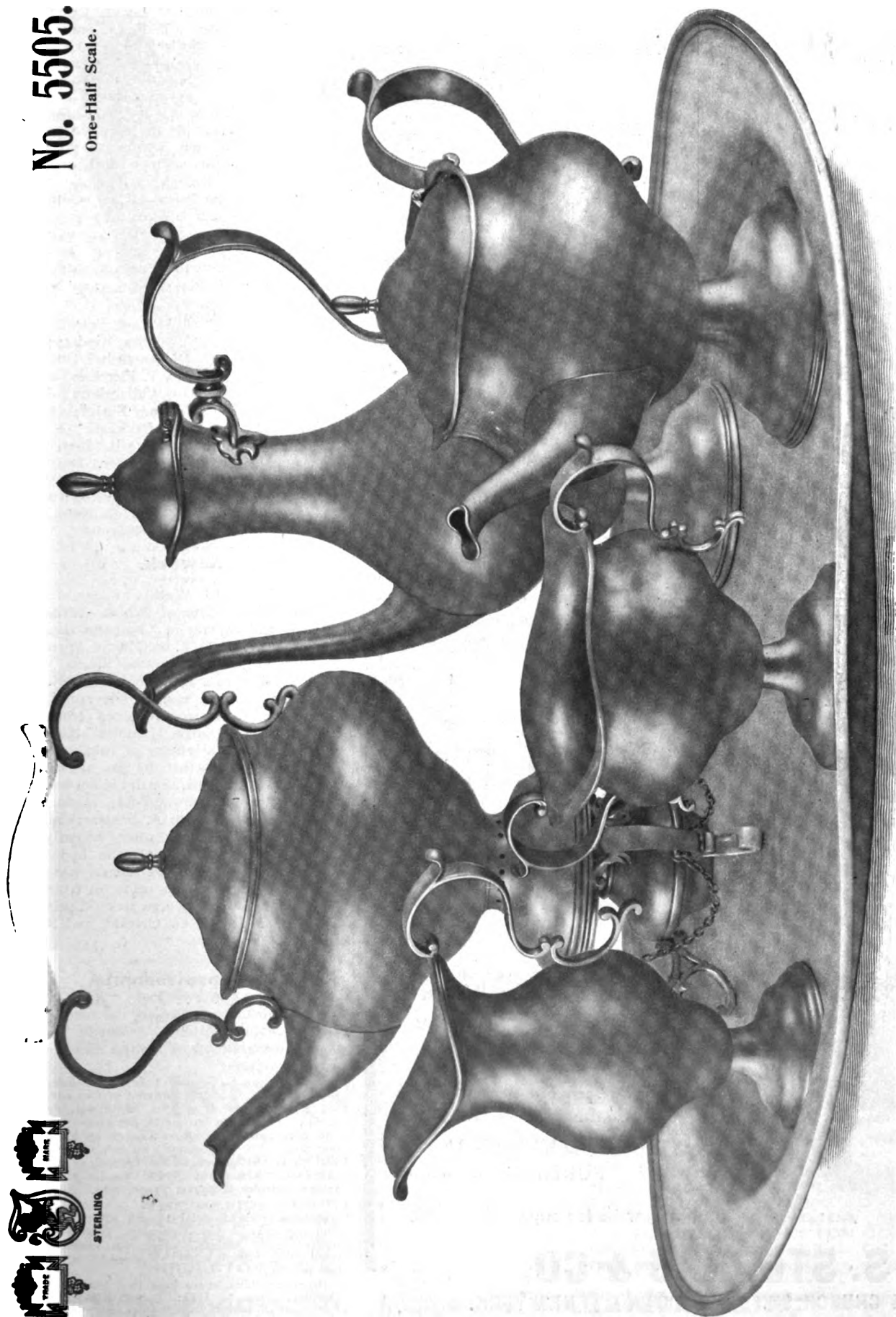
**Telephone. 3270 John**

W. J. Davis, of the Sigler Bros. Co., is spending 10 days trout fishing in the mountains of Pennsylvania. Miss Martha Guenther, of the same firm, is visiting and enjoying her vacation with friends at Carrollton, O. Miss Blanche Schwartz is taking a two-weeks' vacation at various points in the east. Miss Flora Burke, head bookkeeper, has just returned from Atlantic City, while Moody Trowbridge has returned from Detroit.

The Wadsworth Watch Case Co. will have one of the prettiest holiday lines in fine decorated and engraved cases ever shown to the trade. They are enjoying one of the best seasons they ever had.



No. 5505.  
One-Half Scale.



# TOWLE MANUFACTURING COMPANY,

*Silversmiths,*

CHICAGO, ILL.,  
149 State St.

NEW YORK  
41 Union Square.



### Canada Notes.

#### TRADE CONDITIONS.

The Toronto Industrial Exhibition, which lasted two weeks, closing on the 12th, has attracted hundreds of thousands of people and stimulated every department of trade. Both wholesale and retail departments of the jewelry trade have been exceedingly busy and a great deal of money has been left in the city.

Charles P. Grill, lately with J. H. Walker, Aylmer, Ont., has succeeded to the business of R. P. Keeler at Hespeler.

J. A. Morrow, jeweler, of Parry Sound, Ont., is enlarging and handsomely refitting his place of business and considerably increasing his stock.

Ambrose Kent, Toronto, has gone to Winnipeg to attend the Dominion Methodist Conference, which opened on the 4th, and before returning east will visit the Pacific coast. He is accompanied by his wife.

White Bros., Grand Forks, B. C., who have been unable to meet their engagements, have obtained an extension of time from their creditors. The firm has considerable real estate investments on which it is difficult to realize.

Marcus Golden, employed by the American Clock Co., Montreal, was charged by Mr. Lipschitz, the local manager, in the Magistrate's Court, on Tuesday, Sept. 9, with obtaining by false pretenses \$50 worth of jewelry. He pretended, it is alleged, that

he had got an order for the goods from an Ottawa firm. He pleaded not guilty and was remanded for enquete.

Henry Birks, of Henry Birks & Sons, Montreal, was present at the banquet given by the Montreal Board to Sir Edmund Barton, premier of the Australasian Commonwealth, and other visiting Australians, on Monday, Sept. 8. While in Toronto the party attended the annual fair and were piloted through the exhibition by W. K. McNaught, of the American Watch Case Co.

The petition for habeas corpus in the case of Louis Cohen, charged with stealing diamonds in New York, which had been fixed for Monday, Sept. 8, was again continued to Monday, Sept. 15, by consent. Meanwhile proceedings are to be taken for a writ of certiorari against the decision of the magistrate remanding the prisoner. Mr. Russell, a New York lawyer, has come to Montreal to look after the interests of Cohen, jointly with his lawyers in Montreal, Messrs. Jacobs, Patterson & Garneau.

Among the jewelers from outside places visiting Toronto during the Industrial Exhibition from Sept. 1 to 12 were the following: Lorne Bricker, Berlin; D. Kopman, Acton; W. House, Dundas; W. Ashcroft, Warton; E. Marchand, Milton; W. E. Blakeley, Brighton; J. A. Moirrow, Parry Sound; J. C. Gilchrist, Woodville; F. Clark, Warkworth; F. Nettleton, Collingwood; A. Grubin, Stouffville; M. Pearce, Chesley; O.

H. Bouter, Trenton; Geo. Hynds, Acton; A. Moore, Harriston; C. Locke, Tara; W. F. McCarty, Lindsay; T. Fox, London; P. Librock, Niagara Falls; R. B. Hellmer, Southampton; J. Bleeker, Marmora; J. E. Tindale, Woodstock; W. Andrews, St. Marys; N. F. Ball, Stratford; A. Goebel, Mitchell; G. A. Redmond, Harrowsmith; J. Arthurs, Commanda; G. Van Valkenburg, Forest; W. Wilson, Lefroy; S. Hadly, Frankford; J. S. Beck, Brampton; E. J. McIntyre, Chatham; Thomas Lailey, Chatham; A. H. Smith, Tilbury; W. S. Frost, Orillia; R. J. Frost, Peterboro; J. C. Swallow, Midland; J. A. Vandewater, Yarker; W. J. Chambers, Coldwater; C. A. Fox, Walkerton; T. C. Savage, Waterford; Jos. Pequegnat, Guelph; J. Galbraith, Shelburne; C. P. Grill, Hespeler; D. Lundy, Mount Albert; W. H. McCaw, Port Perry; Ed. Davis, Mitchell; S. Petty, Lindsay; W. W. Porte, Brighton; S. Rosenthal, Ottawa; A. W. Cox, Paris; Mrs. T. Fletchley, Brussels; Thomas Harrison, Wallaceburg; Chas. Wendt, Mildmay; Jerome Sutliff, Manchester; W. A. Morse, Bayham; W. H. Hopper, Cobourg; F. Metcalf, Blyth; R. Agnew, Meaford; W. Shorter, Drayton; R. H. Jupp, Orillia; W. Sanderson, Peterborough; F. Claringbowl, Hamilton; Alex. Matchett, Creemore; A. H. Humphries, Arthur; W. A. Fenwick, Shelburne.

### Newark.

Capt. James K. Walsh, at one time a member of the firm of Walsh, Weber & Krause, and captain of Company E, First Regiment, N. G. N. J., died in St. Michael's Hospital after a two months' illness.

H. P. Kaufman, aged 35, of 184 N. 7th St., East Orange, and a silversmith by trade, last week was removed from his home to the Orange Memorial Hospital, suffering from the effects of inhaling illuminating gas. Whether the gas was turned on by accident or intentionally is not known.

Mrs. Benton Schwarzkopf, mother of J. George and William A. Schwarzkopf, of Schwarzkopf & Dorer, died recently of heart trouble, with which she had been afflicted a long time. The funeral was held last week, and her sons came on from the road to attend it. J. George from Minneapolis, Wm. H. from New Orleans, and R. H. from San Francisco.

### Reappraisements.

The following are among the reappraisements of merchandise recently handed down by the Board of United States General Appraisers:

Jewelry from L. Gottlieb & Son, Oberstine, July 22, 1902: Nos. 6 and 32, entered at 60., advanced to 72. marks per gross; No. 22, nickel, entered at 84., advanced to 96. marks per gross; Nos. 14 and 559, entered at 48., advanced to 60. marks per gross; No. 768, entered at 120, advanced to 132 marks per gross; No. 9, entered at 24., advanced to 32. marks per gross. Similar goods and values. Invoice discount, 10 per cent. Advanced prices net.

Manufactures of metal (Dutch silver) from A. Van der Laan & Co., Rotterdam, June 6; Jardinières, bread baskets, plates, tea boxes, sugar basins, etc., entered at .65, advanced to .965 florins per 10 gross.

Decorated china, engravings, etc., from A. Laam, Dresden, June 8, 1902: Teapot, entered at 4. marks, no advance; china basket, entered at 2.50 marks, no advance; two pictures, framed, entered at 30. marks, reappraised at 15. marks for engravings and 15. marks for frames. Similar goods and values, no advance. Add packing.



WHAT YOU CAN DO WITH

## A Sterno-Inferno Burner

You can boil, you can bake,  
You can broil, you can stew,  
You can re-chauffer fowl,  
You can fricassee, too;



To fry and sauté  
In due time you will learn  
The Lamp made by Sternau  
Still holds out to burn!

Have you seen our new Fall line  
of Chafing Dishes with  
"STERNO-INFERNO"  
BURNER?

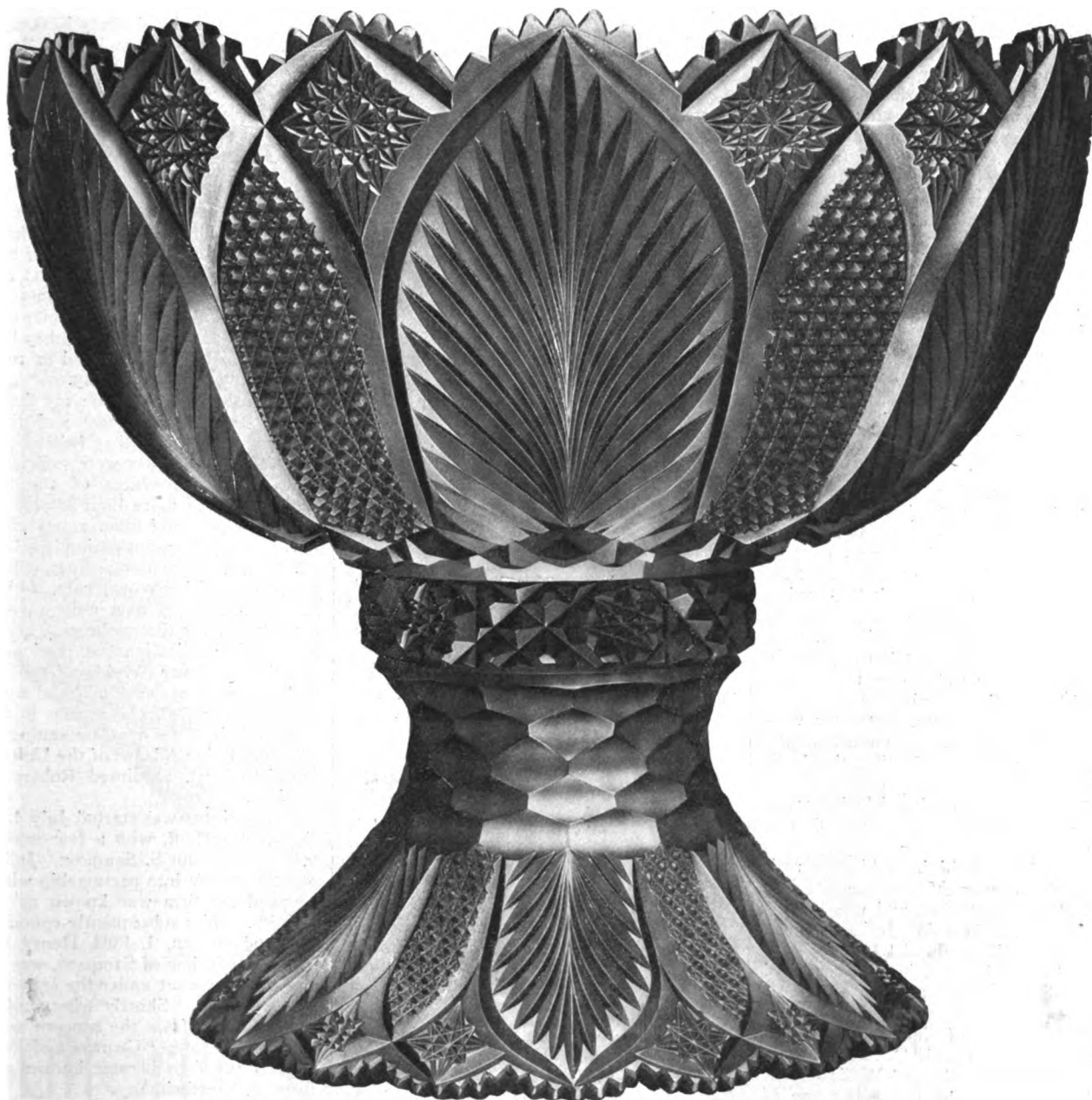
If not, write for Supplem't No. 18.

**S. STERNAU & CO.,**

204 CHURCH ST. (COR. THOMAS), NEW YORK.  
FACTORY, BROOKLYN, N. Y.







PUNCH BOWL—"PALM" CUTTING

**A**MONG our new and exclusive designs in Rich American Cut Glass is the new "Palm" cutting shown above, which is furnished in a great variety of shapes in Bowls, Dishes, Vases, etc. We also make many other exclusive patterns, as well as the more conventional designs.

The addition of 15 Maiden Lane to our former large warerooms will allow us to show the desirable goods we produce in this line, as well as our unsurpassed assortment of Sterling Silver and fine Silver Plate.

## INTERNATIONAL SILVER CO.

Successor to

THE BARBOUR SILVER CO.  
THE HOLMES & EDWARDS SILVER CO.  
MERIDEN BRITANNIA CO.  
THE MERIDEN CUT GLASS CO.  
ROGERS & BROTHER.  
ROGERS, SMITH & CO.  
WILCOX SILVER PLATE CO.  
MIDDLETOWN PLATE CO.

THE DERBY SILVER CO.  
THE MANHATTAN SILVER PLATE CO.  
THE MERIDEN SILVER PLATE CO.  
NORWICH CUTLERY CO.  
THE WM. ROGERS MFG. CO.  
THE ROGERS & HAMILTON CO.  
SIMPSON, HALL, MILLER & CO.  
THE WATROUS MFG. CO.

**Warerooms: 9, 11, 13 and 15 Maiden Lane, New York.**

GENERAL OFFICE, MERIDEN, CONN.



### Death of Henry N. Pervear.

PROVIDENCE, R. I., Sept. 12.—The many friends of Henry N. Pervear, of the H. N. Pervear Co., 109 Friendship St., learned with regret of his rather sudden death at his home in Pawtucket, Monday night. Mr. Pervear was stricken with acute dysentery, and in spite of all that medical aid could do for him, grew worse and died.

Mr. Pervear was well-known in this city, and was one of Pawtucket's most prominent citizens. He was the son of the late Jacob S. and Abbie (Hopkins) Pervear, and was born in Pawtucket, March 20, 1845. He had always remained a resident of the town. He was educated in the public schools in Pawtucket, and later graduated from the Bryant & Stratton Business College.

At the breaking out of the Civil War, Mr. Pervear enlisted in Co. H, Ninth Regiment, R. I. V., and served during the period of enlistment. Previous to his coming to Providence in 1875, he entered business in Pawtucket, where he ran a store.

In 1875 he entered the jewelry business in this city with Emmons D. Guild as a partner. The firm was known as Pervear & Guild, and was located at 9 Calendar St. In 1879 he located on Conduit St., having dissolved the partnership with Mr. Guild. Later he was at 180 Friendship St., next at 96 Pine St., and finally at 109 Friendship St. Mr. Pervear was at one time associated with Joseph Nichols, the firm style being Nichols & Pervear, but later continued business under the name of the H. N. Pervear Co., conducting the business alone.

Mr. Pervear was of distinguished descent. He is survived by a widow and one brother.

The funeral was held from his late residence at the corner of Cottage St. and Kossuth Ave., Pawtucket, and was largely attended. Rev. Albert W. Jefferson, pastor of the First Free Baptist Church, officiated. Appropriate music was furnished by a quartette. The burial was in Oak Grove Cemetery, and the bearers were: Howard P. Norton, of New York; C. Emmons Pervear, Jr.; Frank D. Scott, Frank M. Bliss, Albert Martin and William Cragan, of Providence, the last being one of the oldest employees of the deceased. The floral remembrances were numerous, and included, in addition to those from members of the family, pieces from employees in Mr. Pervear's factory.

### New Members of The Jewelers Security Alliance.

The regular monthly meeting of the executive committee of the Jewelers Security Alliance was held on Friday at the organization offices, 13 Maiden Lane, New York. The following members were present: Chairman Butts, President Sloan, Vice-President Wood, Treasurer Karsch, Secretary Noyes, and Messrs. Abbott, Brown, Champenois and Stern of the committee.

The following new members were accepted: J. P. Archibald, Blairsville, Pa.; Darwin L. Brown, Sparta, Mich.; Emil M. Schwenke, New Richland, Minn.; Carl R. Damuth, Redfield, S. D.; Phil H. Doll, East Las Vegas, N. M.; J. Freshman, Cripple Creek, Col.; Houghton & Hunter, Seattle, Wash.; Sal. Sickle, Salt Lake City, Utah; Simons & Co., New Haven, Conn.; Wm. C. Alexander, Salida, Col.; Mrs. R. C. Grabowsky, Bay City,

Mich.; Louis M. Lowenthal, Mt. Airy, Ia.; Strait Bros., Salida, Col.; Conrad J. Brothly, Newark, N. J.; Allsopp & Allsopp, Newark, N. J.; M. L. Bowen, Ft. Madison, Ia.; Wm. H. Carew, Streator, Ill.; A. B. Conard, Newton, Kan.; A. Couvrouisier Co., Chicago, Ill.; Chas. E. Davis, Great Falls, Mont.; Clint E. Dice, Joliet, Ill.; J. B. Dickey, Newton, Kan.; Geo. Eckstein, Boone, Ia.; Fair & Square Jewelers, Joliet, Ill.; H. W. Faragher, Sabetha, Kan.; E. G. Gallant, Wichita, Kan.; Gustav Gnam, New York; William R. Hale, Greenville, S. C.; Ireland Bros., West Milton, O.; L. H. Johnson, Kennett, Mo.; Kidd & McCoy, Okarche, Okla.; M. Levitz, Albany, N. Y.; E. Litchenstein, Salt Lake City, Utah; Axley C. Metcalfe, Baltimore, Md.; Joseph Myers, Brookston, Ind.; Edward Reinell, Streator, Ill.; Renaud-Rigoulot Co., New York; Roy & Leffel, Fort Worth, Tex.; Stuhl, Hassig & Kricke, Kansas City, Mo.; Sweetser, Bennett Co., Boston, Mass.; Harold S. Tower, Charles City, Ia.; Geo. H. Webster, White Plains, N. Y.; Jos. Wolf, Cleveland, O.; Otto Winterhalter, Lake Charles, La.; E. L. White, Guthrie, Okla.; Jas. H. Whiteside, Liberty, Mo.; Ray L. Bowman, Champaign, Ill.; Carl Entermann, Los Angeles, Cal.; John Hansen, Washington, D. C.; Horigan Bros., Holyoke, Mass.; Harry F. Legg & Co., Minneapolis, Minn.; Jas. R. Smith, La Grande, Ore.; P. J. Williams, Port Angeles, Wash.; Louis Hansen, Devils Lake, N. D.; Hirach & Oppenheimer, Chicago, Ill.; Otto E. Homann, Pittsburgh, Pa.; C. H. Jaquette, Scottsdale, Pa.; David N. Keene, North Yakima, Wash.; Geo. H. Kuhn, Fayette, Mo.; Moore & Evans, Chicago, Ill.; Rogers, Thurman & Co., Chicago, Ill.; H. N. Skinner, Everett, Wash.; Gustav R. Wolff, Chicago, Ill.; Carson & Smith, Hagerstown, Md.; Charles Keller & Co., New York; Tice & Benson, Auburn, N. Y.; E. B. Palmer, Union City, Pa.; Mahncke & Co., Tacoma, Wash.; B. & L. Veit, New York; Riegan & Ladsen, Washington, D. C.; Wm. H. Robinson & Co., Worcester, Mass.; C. S. Lynch & Co., Caldwell, Kan.; G. P. Roberts & Co., McCune, Kan.; Carter, Howe & Co., New York; J. P. Barger, McKees Rocks, Pa.; Mrs. A. Beck, Summit, N. J.; Jaccard Jewelry Co., Kansas City, Mo.

### New Stores and Enterprises.

*(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes.")*

J. Levy has opened a store at Guthrie, Okla.

N. Hauser has opened a jewelry store at Hartwell, Ga.

F. C. Lawrence has begun business at Arlington, Wash.

R. F. Winslow will engage in the jewelry business at Roseburg, Ore.

J. Haley will shortly open a general store at Lyons, Wash., and will carry a full line of jewelry.

I. Kushner has opened a pawnbroker's and jeweler's store at 181 Main St., Springfield, Mass.

A silver factory has just started up at Corfu, N. Y., under the management of John Lincoln.

Thomas & Wittigslager contemplate opening a store about Sept. 20 in the Arcade building, Niagara Falls, N. Y.

Saylor & Ziller have started a jewelry and optical business at the corner of Bedford and Baumer Sts., Johnstown, Pa.

Chas. Nesmith, who owns a plantation near Pawnee, Ga., will shortly remove to his former residence at Pelham, Ga., where he will conduct a jewelry business.

Leslie Raymond, Westport, Wash., will start a general merchandise store at the mouth of the South Fork River. Mr. Raymond will carry a line of fine silverware and cutlery and later a line of jewelry.

### Creditors File a Bankruptcy Petition Against Mayer Bros. & Wertheimer.

A petition in involuntary bankruptcy was filed, yesterday, in the United States District Court of New York against Mayer Bros. & Wertheimer, wholesale dealers in jewelry at 525 Broadway, New York, by Hoffman & Wahle, attorneys for the following creditors: American Bead Co., \$936; Wm. F. Sametz & Co., \$47, and Jos. Friedman, \$354.

It is alleged in the petition that the concern is insolvent and that it has transferred accounts to the amount of \$25,000 to various persons to prefer them; that they paid \$25,000 to certain creditors upon an antecedent indebtedness to prefer them and that in the past four months they have conveyed, transferred, concealed or removed a large part of their property.

The petitioning attorneys say that the liabilities are about \$60,000 and the assets probably \$7,000, and they believe that until a week ago the assets were sufficient to pay the entire indebtedness of the firm, but since that time more than \$25,000 in stock, money in bank and other assets of the firm have been taken possession of by Henry W. Mayer, the senior partner, without the knowledge of his co-partners, with the result that there is now only a very small amount left for the creditors.

In their application for receiver, it was stated that Henry W. Mayer threatened to dispose of the property on hand and that he has withdrawn all the money in the bank to the credit of the firm, amounting to about \$25,000. Judge Adams, of the United States District Court, appointed Robert A. Inch receiver.

The business was started July 1, 1891, by G. M. Meyerhoff, who a few months later sold out to John S. Sampson. Julius Spier was then taken into partnership with Sampson and the firm was known as Sampson & Spier. Spier subsequently committed suicide and on Jan. 1, 1892, Henry W. Mayer, brother-in-law of Sampson, was admitted and the firm went under the style of Sampson & Mayer. Shortly afterwards Sampson withdrew from the concern and Mayer took in his brother Gustave and Wertheimer, and the firm became known as Mayer Bros. & Wertheimer.

### D. C. Bixel Files Deed of Assignment.

LIMA, O., Sept. 10.—D. C. Bixel, a jeweler, at Bluffton, this county, filed a deed of assignment, Monday, naming Henry L. Romey, former Postmaster of Bluffton, as assignee.

The liabilities will amount to something like \$3,200, and the assets turned over will be almost about that amount.

The latest novelties and newest styles in fans are shown in the lines offered to the jewelry trade by Louis Steiner, 520 Broadway, New York. Mr. Steiner recently returned from a buying trip to Paris and other centers, where he gave his personal attention to the selection of goods suitable for the best trade. Among the new goods are novelties and staple fans in pearl, tortoise shell, ebony, lace and bone, plain and decorated with spangles and hand painted designs. A unique style is the small fancy feather fan intended for wear on a lorgnette chain, a recent innovation from Paris.





Designs  
Patented.

# Butterfly Girl Toilet Set.

EVERY PIECE AN ARTISTIC MODEL VARIED IN DESIGN.

Manicure and Desk Sets to match.

OUR LINE OF HOLLOWWARE IS NOTED FOR ITS  
ORIGINALITY AND EXQUISITE BEAUTY OF DESIGN.



## WOODSIDE STERLING CO.,

Factory,  
Newark, N. J.

SILVERSMITHS,  
192 Broadway, N. Y.

Catalogue  
on request.



### J. P. Morgan's Recent Purchase of Magnificent Pieces of Antique Silversmithing.

THE well-known art collection of Consul Eugene Gutmann of Berlin recently passed into the possession of J. Pierpont Morgan for a sum exceeding 1,000,000 marks (\$250,000). A German paper comments as follows on this sale:

"Much as it is to be regretted that another rich art treasure collected with the greatest care and understanding should pass to the other side of the ocean, there

is a little consolation at least to be found in the fact that the collection is not split up by an auction and spread to all the four winds."

Among the numerous important pieces of the Gutmann collection there is a selection of Augsburg and Nuremberg silver-gilt ladies' cups from the 16th and 17th centuries, magnificent drinking cups, 56 centimeters in height down to finely engraved, dainty affairs of 14 centimeters; bumpers of extraordinary circumference, entirely chased in silver; a whole menagerie of stags, horses, bucks, ostriches, lions, bears, peacocks, which were used as table ornaments in bygone times; a little family altar of ebony with silver mountings, by the artist Wallraum of Augsburg, with a miniature painting of Anton Mozart, a beautiful artistic closet of ivory and silver, a number of Nautilus cups, etc. Besides, the collection comprises excellent picture plaques of émail de Limoges, a remarkable relief of ivory, a rosary of numerous onyx beads which open and show gold enameled representations, etc.

It is reported that the whole collection will be exhibited in the South Kensington Museum in London, where it can be viewed and admired by the public.

#### The English Crown's Spinel.

THE ruby of the English crown is famous in popular estimation, says a writer in the *London Chronicle*. But—its history apart—what does the connoisseur say as to its value? Is it a ruby, or is it only a fine and large spinel? Some people call a spinel a spinel ruby, but a spinel is not a ruby. The stone last named, when it is of more than  $3\frac{1}{2}$  karats in weight and flawless all through, is more precious than a perfect diamond of the same size. When it is considerably larger its value is not to be estimated, and may be anything, according to the passion of the collector. But the spinel (a much less hard crystal), even when it reaches the weight of 4 karats, is valued at half the worth of a 4-kt. diamond. There are famous royal rubies, but that which flames in the royal crown is, according to a common rumor among experts, the lowlier spinel.

### John T. Sandman Files a Voluntary Petition in Bankruptcy.

PHILADELPHIA, Sept. 15.—John T. Sandman, a retail jeweler at 703 S. 2d St., was adjudged a voluntary bankrupt in the United States District Court here, Thursday, and is still conducting business pending the appointment of a receiver or trustees to be made at a meeting of creditors. The meeting will be held before Alfred Driver, the Referee in Bankruptcy, at his office, 505 Chestnut St., some day next week.

The failure of Sandman was brought about by his inability to satisfy two judgments entered against him during the past six weeks. Both judgments were obtained on promissory notes drawn Dec. 11 last and payable to order of Arthur J. Kahn & Co., New York—one for \$357.84 and the other for \$345.05. Both notes were protested, and in the first mentioned note judgment was entered by the Nassau Bank of New York in Common Pleas Court No. 4, and on the second protested note judgment was entered by the State Bank, New York, on July 26.

In the petition of voluntary bankruptcy Mr. Sandman filed a schedule of assets amounting to \$1,203.50, and estimated his liabilities at \$14,415.97. Execution had not been issued on the judgment, because the jeweler claimed protection under the personal exemption law. It is generally rumored in the trade that when the judgments were obtained Mr. Sandman went to New York and offered to settle with his creditors at 10 per cent. on the dollar. Whether this is true or not, or whether Mr. Sandman has any proposition of settlement to make at all could not be ascertained.

Mr. Sandman has been in business in S. 2d St. for many years, and was widely known in the trade. It is said that he dealt mainly in diamonds.

Inquiry among local jobbers failed to show any indebtedness to them, Mr. Sandman having dealt almost exclusively with New York houses. A list of the creditors is in the hands of Mr. Driver, the referee, but under a ruling of the Clerk of the United States District Court, permission for publication of this list is denied.



**J. Trout & Co.** DIAMOND

## Brooches,

14K., 10K. and Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
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HAT PINS,  
ELK BUTTONS

"Runaway Girl" and "Florodora"

BAG, HAT, BROOCH AND CUFF PINS, WAIST SETS  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

### CATALOGUE

READY ABOUT SEPTEMBER 20TH, OF

Ebony, Gun Metal and Leather  
Novelties.

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5 AND 7 MAIDEN LANE,

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## HAND DECORATED CHINA

is for Jewelers the very best  
class of Fancy Goods to invest  
a little money in.

**Artistic, New, Pretty,**  
and does not depreciate in value.

The largest assortment at  
moderate prices (\$1.00 up-  
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designs, are made by

**L. W. LEVY & CO.,**

Importers and Makers of Novelties  
for Jewelers, in China, Metal  
and Glass.

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### Smuggled Jewels Sold at Burlington, Vt., by United States Marshal.

BURLINGTON, Vt., Sept. 13.—Some jewels smuggled by Wm. Bramley, said to be a wholesale jeweler of Montreal, were sold at auction at the Custom House this morning by Deputy United States Marshal L. A. Drew.

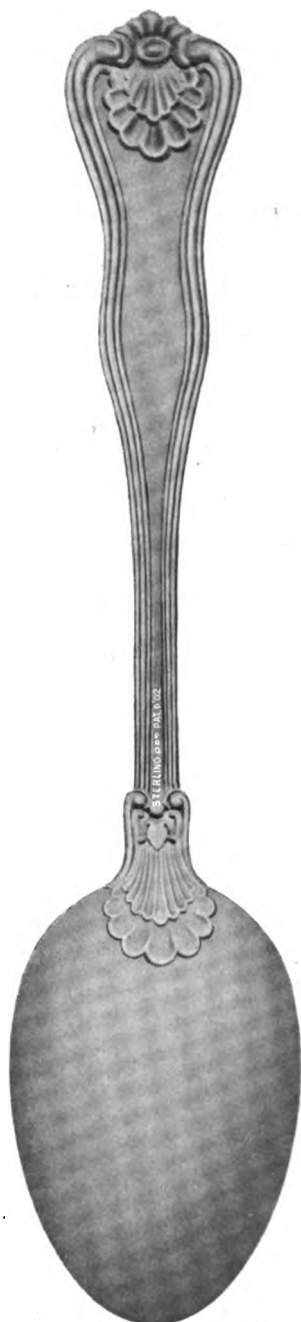
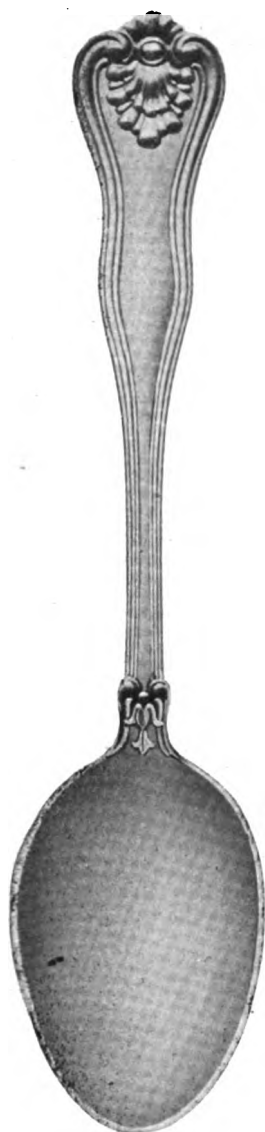
Bramley, it will be remembered, was admitted to bail in Burlington some months ago on the charge of smuggling. He was arrested at St. Albans by the Customs officers. He was searched and opals, pearls, diamonds, etc., were found on his clothing. Bramley later pleaded guilty of smuggling, and before the United States Court at Brattleboro received a heavy fine.

The jewels sold to-day consisted of a couple of cheap rings, four pearls, a diamond and an opal, these latter unset.

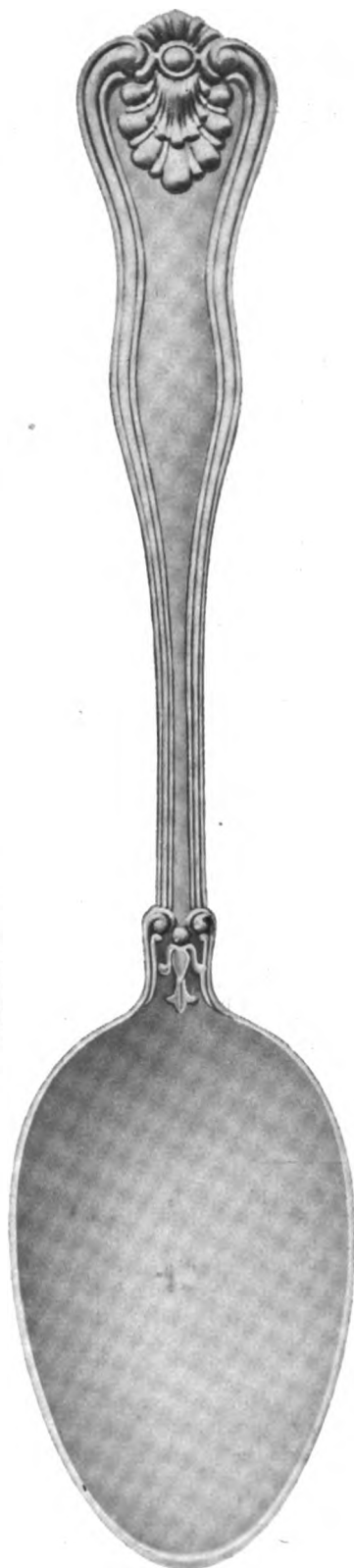
F. L. Flisch, Minneapolis, Kan., has sold out.



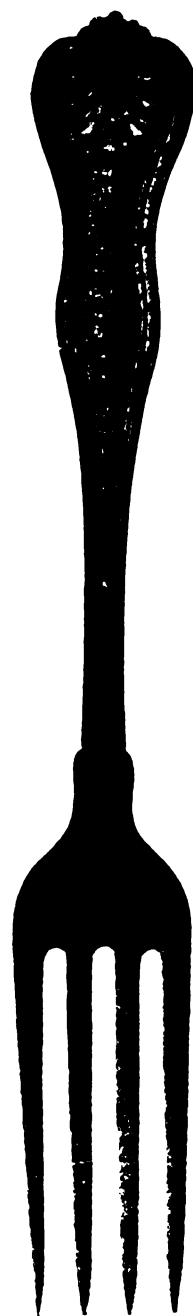
# The Alexandra



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MADE IN ALL WEIGHTS.

COMPLETE LINE  
OF FANCY PIECES.

DOMINICK & HAFF, Silversmiths,  
860 Broadway, New York



# B & D



Jewelers handling fine art goods will find B & D's stock replete with new and desirable things for the fall and holiday season—things that may not be had elsewhere.

A very large assortment of objets d'art in Vienna and Paris Genuine Bronzes varying in size from small cabinet pieces to large objects for the table or pedestal is now being shown, together with a superb collection of Bronze Electroliers, Art Pottery from the noted European factories—Second Floor.

**Hall, Mantel and  
Traveling Clocks.**

**Fine China.**

**Cut Glass.**

**Odd Things.**

**Statuary.**

**Bawo & Dotter,**

26 to 32 Barclay St.,  
NEW YORK.

## Mexico As a Market for Watches, Clocks and Jewelry.

CITY OF MEXICO, Sept. 10.—Since the present era of peace and prosperity began in Mexico, under the rule of President Diaz, a new capital has been growing up, which bids fair to be ere the close of the present century one of the stateliest, wealthiest and most beautiful cities of the Americas. During the past four years Mexico has been a considerable purchaser of American clocks, watches and jewelry, as will be seen from a perusal of the following statistics, compiled from a reliable source, showing the imports of these articles into Mexico from the United States during the four years from 1898 to 1901.

### IMPORTS OF WATCHES AND JEWELRY.

	1898.	1899.	1900.	1901.
Clocks .....	\$12,791	\$26,520	\$23,942	\$34,061
Watches .....	7,337	1,488	4,418	5,131
Jewelry .....	35,402	27,655	13,024	22,699
All other manufactures of gold and silver.....	4,939	2,059	12,701	4,301

One reason why the imports of American manufactures of the above description into Mexico are not of larger volume is that our exporters do not pay the attention to the commercial customs of this republic that is given by manufacturers of other nations, principally England, France and Germany. The business conditions of Mexico are noteworthy, and it will be of much pecuniary benefit to our manufacturers to study them. In the first place there are very few concerns doing business here that have not ample capital to carry out all contracts into which they may enter. Failures are very rare, and when they do occur are carefully investigated by the authorities in the interests of creditors, and any attempts to defraud are severely punished. Book entries are regarded as sacred. All books kept by business houses are known, and small stamp taxes paid on them, and thus a sort of surveillance is kept over them by government authorities. All this tends to keep up a high standard of commercial credit, and now that one of our leading commercial agencies has extended its operations into this republic, exact knowledge of the standing of the business houses here may be obtained.

As the terms of American manufacturers are often very rigid, it is hard to reach an agreement, and much trade, which, by the exercise of a little tact and judgment, could be handled by American manufacturers, goes elsewhere. For instance, terms usually offered by European manufacturers are four to six months' time, whereas American houses often require that the total amount of their invoices be placed in some bank in the United States before the goods are shipped. The superiority of many kinds of American goods is readily admitted here, and Mexican buyers are desirous of dealing with the United States, and would do so more extensively than at present if trading facilities were offered them.

It is an interesting fact that there are over 900 different classifications in the Mexican tariff, and lists of articles that clearly specify those in which a doubt might exist are issued by the Minister of Finance. With these (which can be obtained upon application to that official) and the original tariff there is no reason why so many mistakes should be made in consular invoices. More care should be taken in drawing up

these documents. Mistakes are of daily occurrence, with consequent fines, and the consignee has mostly to suffer the loss. All these difficulties could be obviated if there were a more careful observance of the tariff regulations. More attention is also required to the question of packing. This does not consist only in a good outer case, but it is the way the contents are packed in the case. Mexican merchants often give instructions as to the packing of certain articles, not only to secure their safe arrival, but also on account of the duties that may be leviable on those goods. If these instructions were properly carried out, it would save a great deal of trouble.

Three cardinal rules must be observed

by our manufacturers who desire to do business in Mexico: Do not send salesmen to Mexico who cannot speak Spanish and are unwilling to conform to the *modus operandi* of Mexican dealers in buying, packing, shipping, etc.; do not send inferior articles, unless the contract specially calls for them; and last, and most important of all, strictly adhere to the rules, regulations and tariff laws.

## Trans-Atlantic Voyagers.

### FROM EUROPE.

F. W. Weinberg, New York, returned, Thursday, on the *Kaiserin Maria Theresa*.

Chas. L. Depollier, of the Dubois Watch Case Co., New York, returned, Saturday, on the *Umbria*.

Oscar Keck, of Herman Keck Mfg. Co., Cincinnati, O., returned, Thursday, on the *Fuerst Bismarck*.

Fritz H. Mathey, of Mathey Bros., Mathez & Co., New York, arrived, last week, on the *Vaderland*.

E. C. Ostby, of the Ostby & Barton Co., New York, accompanied by his son, Raymond E. Ostby, returned, Wednesday, on the *Teutonic*.

M. J. Lissauer, of Lissauer & Co., New York, accompanied by his wife, and Charles Glatz, of the Roy Watch Case Co., New York, accompanied by his wife, returned, last week, on the *Auguste Victoria*.

### TO EUROPE.

L. M. Van Moppes, New York, sailed, Saturday, on the *Potsdam*.

## C. D. Ruggles Adjudicated a Bankrupt.

BUFFALO, N. Y., Sept. 13.—Cornelius D. Ruggles, a jeweler at 563 Main St., was yesterday adjudged an involuntary bankrupt by Referee in Bankruptcy William H. Hotchkiss on a petition of the creditors.

The principal creditor, according to the petition, seems to be the E. H. Eden Co. to the amount of \$500 over and above all securities held by the latter against the former. Among other creditors named are Herman Waterman and Abram L. Warner, to whom Ruggles is indebted on promissory notes.

It is claimed by Ruggles that this bankruptcy proceeding has nothing to do with his cigar business, but concerns only his jewelry business.



**Roger Williams  
Silver Co.,**



**Sterling Silver Only.**

**925-1000 Fine.**

The object of our Trade Mark is to convey to the trade the identity of our wares without further investigation on the part of the purchaser.

We invite inspection of the extensive lines we have prepared for this season.

New designs in Toilet Ware and Manicure Goods.

New patterns in Flat Ware.

Everything new in Hollow Ware, including many choice exclusive pieces, hand wrought, no duplicates or photographs.

Everything made by a legitimate Silversmith will be found in our stock.

**Salesroom,  
860 Broadway, New York.**

**New Factory,  
101 Sabin St., Providence, R. I.**

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A complete line of 500 exquisite designs in  
floral and art nouveau patterns.

Heavy  
sterling silver,  
hand chased and  
exquisitely finished.  
All the popular and  
many new  
and novel  
shapes.



We also  
manufacture  
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of cane and um-  
brella handles in  
solid gold and  
heavy gold  
filled.

Our lines of Sterling Mounted  
Glassware and Loving Cups will interest you.

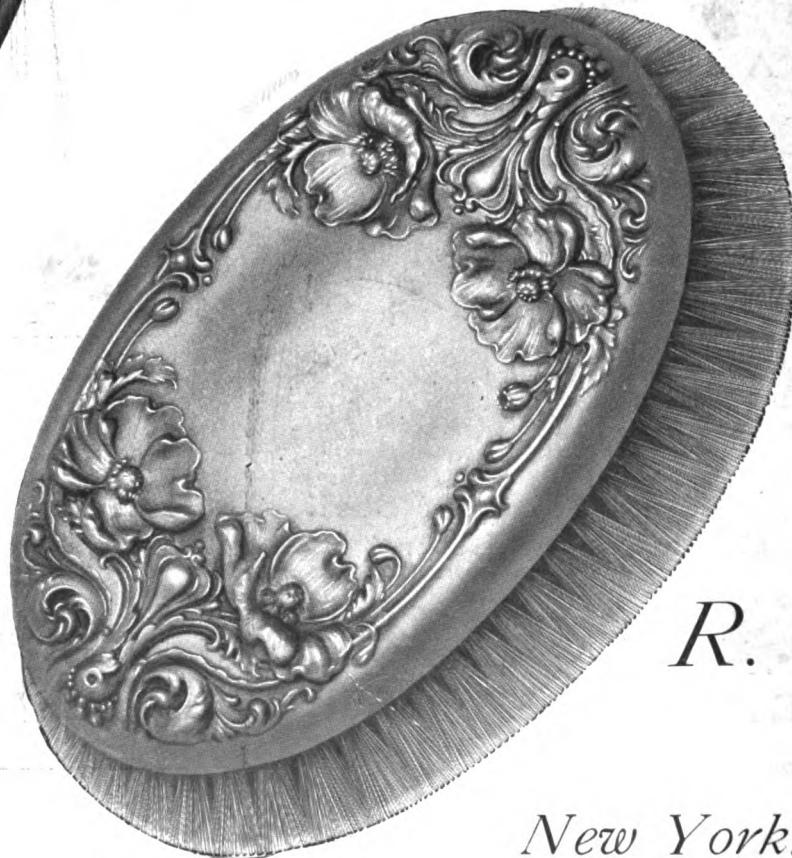
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No. 2000. Hair Brush, large.



No. 2000. Military Brush.



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*R. Wallace*

*Walling*

*New York. Chicago.*

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No. 2000. Ring Handle  
Mirror, large.



No. 2000. Cloth Brush.

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# Waltham Watches.

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The issue of the following described movement  
is announced:

## APPLETON, TRACY & CO. PREMIER.



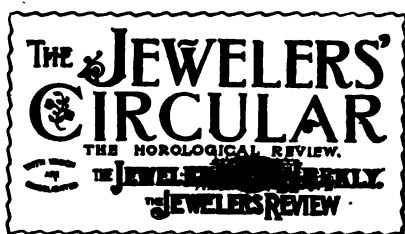
Nickel; 17 Ruby Jewels; Gold Settings; Jewel Pin set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance in Recess, Adjusted to Temperature and Five Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding-wheels; Double Sunk Dial.

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Other Countries in Postal Union, 4.00  
Single Copies, .10

Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

### Tourists' Merchandise Must Pay Duty.

SINCE taking his office as Secretary of the Treasury, Leslie M. Shaw has made it clear that, while he intends to facilitate the examining of tourists' baggage, and afford them every courtesy and leeway possible under the law, he does not intend to permit any looseness in the method of collecting customs that will interfere with the full enforcement of the provisions of the Tariff Act relating to the collection of the proper duty on jewelry and other articles of merchandise purchased abroad in which merchants of this country are so generally interested.

The Secretary's position has been shown clearly in letters of instruction which he has issued to Collectors, but in none more so than the recent circular sent to Collectors and other officers of the customs relating to the free entry of personal effects under the provisions of the so-called \$100 clause, from which the following extracts are of interest:

"It having been brought to the attention of the Department that certain persons have sought to place a strained construction upon the Department circular of May 7, 1902, the following explanation thereof and supplemental instructions are hereby issued:

"The language employed in the circular referred to is as follows: 'Exemption from duty will be allowed on wearing apparel, articles of personal adornment, toilet articles, and such other personal effects of a value not exceeding \$100 as are ordinarily purchased abroad by tourists, provided they are not intended for the use of other persons or for sale.'"

There is no warrant in this language or in any ruling of the Department that justifies the importation of cigars, etc., in any quantity or manner than provided by law; neither is there anything in the circular to warrant the exemption of merchandise as such from duties. The statute uses this language: "Wearing apparel, articles of personal adornment, toilet articles and similar personal effects." For some years it was held that similar personal effects, in order to be exempt, must be similar to "wearing apparel," or similar to "articles of personal adornment," or similar to "toilet articles." The Department still holds that exempt articles must in a sense be similar—that is, they must be of the same general class of articles as tourists ordinarily purchase abroad.

The difficulty, it will be seen, lies in applying these rules in the light of the statute to particular cases, and it is the intention to clothe the customs officers with some measure of discretion. Customs officers are expected to protect the revenues of the country, but they are not expected to ad-

minister the laws with captious and vexatious discriminations. Whenever circumstances indicate that the returning tourist is attempting to impose upon the Government, the maximum rate of duty should be collected, and then all questions involved can be determined on appeal.

### A Bright Outlook.

FEW, if any, Fall seasons of recent years have opened more auspiciously to the jewelry trade than has the present. Not only are the prospects for business on every hand unusually bright, but orders are already beginning to come in to many manufacturers and jobbers to an extent they have not before experienced at this season of the year during the past decade. An excellent Christmas trade seems assured for retailers in all sections of the country, though perhaps more particularly in the west, where it is generally expected money will be plentiful.

The best reports, following the trend of the business for the past year, come from the manufacturers of the finest goods, but the improvement is general and marked in all lines. That the conditions in the jewelry trade are but a reflection of the general conditions of business is shown by the authoritative trade reports in all sections of the country. The situation at the present time was ably summed up in the last issue of *Dun's Review*, as follows:

Industrial activity is greater than at any recent date. Many new factories and mills have been added to the productive capacity, facilities are being increased at old plants, and idle shops resumed through the settlement of labor controversies. West Virginia coal miners have returned to work, and production in Pennsylvania is steadily increasing. A coke blockade still exists, the railways being unable to handle the output, which is above all records and in urgent request. Despite the rapid development of transportation facilities, the nation's needs have grown still faster, and the situation is distressing for shippers and consumers. Large crops are being harvested, and the greater abundance of foodstuffs caused a decline in prices of commodities during August of 3.5 per cent., as measured by Dun's index number. Retail trade is large, with a bright outlook for the future in jobbing and wholesale business. There are few of the cancellations so numerous at this time last year, while collections are improving. An advance of 22.9 per cent. in bank exchanges at New York over the same week last year cannot be explained by speculation, as dealings in stocks were also heavy in 1901. Compared with 1899, the largest previous record, there appears a gain of 51.6 per cent. At other leading cities there were gains of 11.1 and 26.0 per cent., respectively. Railway earnings in August exceeded last year's by 4.2 per cent. and those of 1900 by 18.1 per cent.

BY the admission of 10 new members, Thursday, the Jewelers Association and Board of Trade reached the high water mark for membership in its history, the total number of firms now belonging to this organization being 402. This, we understand, is the greatest membership that has ever been possessed by a commercial organization devoted to any one particular trade, and the fact should be a subject of congratulation alike to the officers and members of this body.

### Jewelers Should Have Right to Sell Articles Left for Repair.

THAT the questions involved in the right of the jeweler to sell articles left with him to be repaired, when the same have been practically abandoned by the

owners, is bothering jewelers in New Jersey, is evident from the following article on the subject recently published by the Newark (N. J.) *Call*:

Retail jewelers in Newark are interested in the question as to what right they have to sell watches and other articles left with them for repair and practically abandoned by their owners. Among many jewelers there is an impression that by putting up a sign to the effect that the repairer is not responsible for goods left after a certain number of days they may dispose of the jewelry and get out of it what they can to satisfy their claims for labor and material. But the jeweler's liability cannot be regulated by himself, and in many States cannot be regulated even by an agreement between himself and his customer.

In New Jersey there is no law which applies particularly to the matter, and the jeweler has no legal right to dispose of any article left with him for repair, no matter how long it may remain in his care. He has a lien upon the property for the amount, which he may charge for making the repairs, but if the owner abandons it the only legal manner in which he can recover is by attachment through court proceedings, and then a suit for the amount of his claim. Such a proceeding would be entirely out of the question, because of its expense, except in rare cases. Hence the jeweler simply pockets his losses and stores away the goods left by their owners, with any definite idea of what he will do with them. They tax his storage space as much as do the goods which he has for sale, and upon which he is constantly making a profit.

All these phases of the repair trade have been matters of much thought to jewelers for a long while, but the conditions remain the same. What they would like to have is a law under which they could dispose of the goods by sale at the end of a given time, one or two years. A movement may shortly be started in this city to obtain the necessary legislation this Winter. Those who have discussed the matter believe that jewelers all over the State will readily join the movement.

Jewelers in Newark have goods in their possession which were left with them anywhere from one to 15 years ago for repair and have never been called for by their owners.

"Just why people will take watches, cuff buttons, studs, pins, rings, bracelets and other things to jewelers to have them repaired or duplicated and then never call for them is more than I can understand," said one jeweler, recently. "The fact remains, however, that they do. It is surprising how much of that of thing there is. I have a boxful of stuff in my safe which I suppose I shall always have, unless some way is found for me legitimately to dispose of it for my own benefit. Some of it has been here six months, some of it a year and some of it two, three and four years. It all represents an expenditure of time, labor and material on my part and as it stands now is a dead loss to me.

"Of course, you might ask why we don't get a deposit on orders for repairs, but that cannot very well be done except in special cases, as the customer invariably regards the value of the article he leaves as a sufficient guarantee that he will return for it and pay the charges, and we also have to regard it in the same way.

"As the matter stands now we can only recover our claim on the goods by placing an attachment upon them and bringing a District Court suit. It would not pay to do this in one case out of a hundred. We could sell the goods, but would have to reimburse the owners if they ever called, and then, unless we sold for the full value, we should lose money. Besides, the articles we sold might have some special sentimental value aside from their value in dollars and cents, and if the owner did finally call for them it would be poor satisfaction to him to have to sue for just the money and not be able to recover his own goods.

"What we ought to have is a law governing such matters on the line of the law which permits pawnbrokers to dispose of unredeemed pledges at public sale each year. I would like to see the subject agitated."

"Repaired articles abandoned by their owners?" echoed another jeweler. "Yes, plenty of them. I have some which have been in my safe not a day less than 15 years. Why don't I sell them? Because, as far as I know, I have no legal right to do so, neither at the end of one year nor 10 years, nor any other time."

There certainly should be a law governing such matters in order to relieve jewelers of the hardship they are now obliged to bear.



### Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of \$10. (payable in advance) a daily list will be furnished, during the fall season (ending Dec. 10), at the offices of those desiring this service.

ADRIAN, MICH., Wm. M. Sheldon, Gilsey.  
ALBANY, N. Y., W. Kennedy, Park Avenue.  
AMESBURY, MASS., H. B. Locke, Murray Hill.  
ATLANTA, GA., C. W. Crankshaw, Earlington.  
BALTIMORE, MD., E. Jacobson, Continental.  
J. W. Sills (J. R. Armiger Co.), Holland.  
BINGHAMTON, N. Y., L. E. Soggs, Broadway Central.  
BOSTON, MASS., H. I. Belcher (Jordan, Marsh Co.), 8 Greene St.  
E. H. Clarkson, Manhattan.  
J. Hartford (The Gilchrist Co.), Albert.  
T. Stewart (Shepard, Norwell & Co.), Herald Square.  
BRADFORD, PA., A. S. Jacoby (N. L. Enoch), 467 W. 153d St.  
BRIDGEPORT, CONN., A. M. Cooper (Howland D. G. Co.), Navarre.  
CALAIS, ME., O. W. Bailey, Astor.  
CHARLESTON, W. VA., R. J. Satterthwait, 21 Maiden Lane.  
CHICAGO, ILL., Chas. P. Crane (Lapp & Fler-shem), Astor.  
A. N. Lebolt, Herald Square.  
S. Libolt (A. M. Rothschild & Co.), Herald Square.  
Mrs. Meinhard (C. Netcher), Normandie.  
F. L. Pitkin, Imperial.  
CHILLICOTHE, O., Chas. M. Haynes (Henn & Haynes), Gerard.  
CINCINNATI, O., C. B. Braunstein (Koch &

Braunstein), Herald Square.  
H. Duhme (Duhme Bros. & Co.), Victoria.  
C. H. Fox, Astor.  
A. G. Schwab (A. G. Schwab & Bro.), Hoffman.  
CROWLEY, LA., W. Hollins (Hollins Bros.), Continental.  
CUMBERLAND, MD., R. W. Little (S. T. Little Jewelry Co.), Astor.  
DENVER, COL., H. F. Gottesleben, New Amsterdam.  
FORT WAYNE, IND., A. Bruder, Belvedere.  
FRANKLIN, LA., I. Popkin, 126 Bleecker St.  
GALVESTON, TEX., M. O. Nobbe, Gerard.  
HENDERSON, KY., J. D. Jensen (J. D. Jensen & Co.), Grand Union.  
HORNELLSVILLE, N. Y., M. W. Waldorf, Albert.  
JACKSON, TENN., E. E. Taliaferro, Astor.  
KANSAS CITY, MO., H. Streicher, Navarre.  
LONDON, ONT., P. Birtwistle, Albert.  
LOS ANGELES, CAL., J. A. Montgomery (Montgomery Bros.), Holland.  
LOUISVILLE, KY., W. C. Kendrick (Wm. Kendrick & Sons), Park Avenue.  
MINNEAPOLIS, MINN., A. Anderson, Herald Square.  
MOBILE, ALA., E. O. Zadek, New Amsterdam.  
MONTGOMERY, ALA., C. Ruth, Union Square.  
I. Loeb, Cosmopolitan.  
MUSKEGON, MICH., A. Krautheim, Marlboro.  
NORRISTOWN, PA., G. Lanz, Sturtevant.  
OMAHA, NEB., P. H. Johnson (Hayden Bros.), Albert.  
PARIS, TEX., C. H. Noyes, Astor.  
J. L. Adrien (Marks Bros.), Victoria.  
PETERSBURG, VA., C. F. Lauderback, St. Denis.  
PHILADELPHIA, PA., J. L. Adrien (Marks Bros.), Victoria.  
H. Darmstadter (Lit Bros.), Imperial.  
W. P. Sackett (John Wanamaker), St. Denis.

PINE BLUFF, ARK., Mrs. Stearns (R. H. Stearns & Co.), Earlington.  
PITTSBURGH, PA., W. Rosenbaum (Rosenbaum & Co.), Imperial.  
H. Rosenbloom (S. Rosenbloom Co.), Manhattan.  
J. A. Hardy (Hardy & Hayes), Holland.  
PORTLAND, ME., W. E. Carter (Carter Bros. & Co.), Herald Square.  
RICHMOND, VA., L. S. Cohen (Cohen Co.), Marlboro.  
I. Hutzler (A. Hutzler Sons), Albert.  
SAN FRANCISCO, CAL., R. Weill (R. Weill & Co.), 51 Leonard St.  
SCRANTON, PA., H. A. Connell (Mersereau & Connell), Imperial.  
SPRINGFIELD, MASS., G. D. Sleigh (Forbes & Wallace), Herald Square.  
STUEBENVILLE, O., A. M. Helms, Broadway Central.  
ST. JOSEPH, MO., W. Kirkpatrick, Bartholomew.  
SYRACUSE, N. Y., J. B. Murphy (Dey Bros. & Co.), Victoria.  
M. A. Hartigan, Union Square.  
TROY, N. Y., T. E. Burney (G. V. S. Quackenbush & Co.), Park Avenue.  
UTICA, N. Y., J. C. Mizer (A. S. & T. Hunter), Navarre.  
WAYCROSS, GA., G. Youmans, St. Denis.  
WILKESBARRE, PA., W. E. Smith (J. Long's Sons), Cadillac.

### Importations at the Port of New York.

Weeks Ended Sept. 12, 1901, and Sept. 12, 1902.

	1901.	1902.
China, Glass and Earthen Ware:		
China .....	\$64,548	\$100,009
Earthen ware .....	11,458	21,191
Glass ware .....	15,866	27,414
Optical glass .....	284	2,766
Instruments:		
Musical: .....	17,646	15,107
Optical .....	8,385	10,045
Philosophical .....	8,851	2,789
Jewelry, etc.:		
Jewelry .....	47,233	18,039
Precious stones .....	223,782	283,814
Watches .....	24,706	17,196
Metals, etc.:		
Bronzes .....	5,749	8,311
Cutlery .....	27,543	36,663
Dutch Metal .....	2,939	.....
Platina .....	10,871	37,592
Plated ware .....	.....	684
Silverware .....	2,890	2,408
Miscellaneous:		
Alabaster ornaments .....	32	96
Amber .....	10,615	2,171
Beads .....	8,414	8,173
Clocks .....	7,961	7,127
Fans .....	4,926	8,076
Fancy goods .....	8,949	6,460
Ivory .....	2,859	52,722
Ivory, manufactures of .....	829	365
Marble, manufactures of .....	12,651	5,168
Statuary .....	6,049	4,947

### Jewelry Thief Escapes After an Exciting Chase.

BUFFALO, N. Y., Sept. 13.—A thief entered Louis Goldstein's jewelry store at 109 Commercial St., Thursday night, and when the proprietor's back was turned stole a tray of watches, rings and a revolver.

As he was leaving the store Goldstein discovered the thief with the jewelry and gave chase. The thief ran down Commercial St., and after a block or so darted into a doorway. Others joined in the chase, and the fugitive was followed to the roof of the building. He jumped to the adjoining roof and then onto the roof of a shed and dropped to the ground. No further trace of the fugitive could be discovered.

## URGENT CALLS!

We can fill urgent-calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.

CROSS & BEGUELIN  
17 MAIDEN LANE

## CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

4 Rue de Meusy, PARIS

Telephone, 2188 Cortlandt

17 Maiden Lane, NEW YORK



**New York Notes.**

Beginning Sept. 20, Tiffany & Co.'s silver works at Forest Hill, N. J., will remain open Saturdays until 4.30 o'clock.

The goldbeaters, who have been on strike for eight weeks, have settled their differences with their employers and have gone back to work.

The Seth Thomas Clock Co. has secured the contract for the large tower clock to be built in the new Forbes school, at Pittsburgh, Pa. The clock is to be up by Oct. 1.

Milton Mannist & Co., 57 Maiden Lane, have moved to 82 Nassau St., where they occupy half of the top floor of the building. The change was made because of increasing business.

Seth Thomas, of the Seth Thomas Clock Co., will return from his long Summer vacation some time this week. Mr. Thomas has been for the last few weeks with his family in the Catskills.

Albert Feldenheimer, a leading jeweler of Portland, Ore., is expected here this week, and while here will make his headquarters with his brother, Louis Feldenheimer, 41 Maiden Lane.

The jewelry friends of Miss Renne, who for the past year has been in the order department of R., L. & M. Friedlander, will be grieved to learn of her death. Miss Renne was bright, obliging and well liked. She was comparatively well-known in the trade, and will be much missed.

A woman who described herself as Marie Hendricks, of Nutley, N. J., was arrested, Thursday, for stealing from the jewelry department of Stern Bros.' store, 23d St. and Sixth Ave. Detective Rein, who made the arrest, says he saw her pick up a gold neck-chain, and that he followed her to another store, where she attempted to steal. When searched in the station house, the woman had several small pieces of jewelry.

The jewelry store of Samuel Bernstein, 82 Market St., Paterson, N. J., was entered and robbed, Wednesday, of rings and other jewelry valued at \$200. The burglar entered the store through a rear window, having gained access to the rear of the building by passing through a saloon next door. Bernstein, meanwhile, was in New York, and the store was closed. The police have a description of the thief, and his arrest is expected soon.

Joseph D. Lynch, who in 1893 kept a jewelry store at 1123 Broadway, Friday filed a voluntary petition in bankruptcy, with liabilities of \$43,084 and no assets. He is a son of Mrs. Theresa Lynch, 1 Union Sq., and she is a creditor for \$37,000 for money loaned him from 1887 to 1893. The balance of the liabilities, \$6,084, are to 25 creditors in the form of judgments, principally for jewelry purchased in 1893. Among the creditors are: Spencer Optical Mfg. Co., \$12.50; Louis Strasburger's Son & Co., \$363; B. H. Davis & Co., \$180; A. Frankfield & Co., \$322, and Hays Bros. Co., \$135.

A man who called himself William Sweet, and who said he was a diamond expert with Mrs. Lynch, Union Sq., is responsible for the success of a very unique swindling scheme, which was sprung Thursday night on Don G. Carver. Through the "expert's" urging, Carver was induced to part with his \$40 watch and \$14 in money in exchange for a "diamond" stud which afterwards proved to be valueless. To help along the swindle, "Sweet" advanced Carver \$3 and told him to return it to him next day at his place of business. When Carver called at the place, no one by the name of Sweet, nor anyone answering his description, was known in the store.

At the regular monthly meeting of the Board of Directors of the Jewelers Association and Board of Trade, held Thursday,

the following firms were unanimously elected members of the Association: Arnstine Bros. & Mier, Cleveland, O.; F. H. Cutler & Co., North Attleboro, Mass.; Wm. Loeb & Co., Providence, R. I.; A. Mendelson & Co., Boston, Mass.; Orient Mfg. Co., Boston, Mass.; Van Antwerpen, Van den Bosch & Co., Brooklyn, N. Y.; Van Vliet, Latz & Co., New York, N. Y.; Whitestone Jewelry Co., Providence, R. I.; L. Witsenhausen, New York, N. Y. This makes the total membership of the Association 402, more than that of any other commercial association devoted to any one particular line of business.

The work of demolishing the old frame building at 57 Maiden Lane will begin in a few days, and in place of the rambling structure now standing there will be erected a 12-story office building, especially adapted to the requirements of the jewelry industry. The present building is one of the oldest in the jewelry district, and has been used by manufacturing jewelers for more than half a century. The Providence Realty Co., which purchased the property from James M. Fitzpatrick, will not violate the old tradition, and the new structure will be built with an idea of accommodating manufacturing jewelers. The business will be fireproof and fitted with every modern convenience. Up to the present time there were only three jewelers in the building, L. M. Stern, S. Bietchman and M. Mannist & Co. M. Mannist & Co. have moved to new quarters, and the other two concerns will move as soon as they can find a suitable location.

Maurice Brower, one of the largest dealers in domestic pearls in the United States, has recently returned from the Mississippi and White River pearl fisheries with a beautiful specimen of the pink variety weighing 115 grains. The pearl is almost round and is nearly perfect in shape. It is estimated to be worth more than \$10,000.

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

**C. DORFLINGER & SONS, 36, Murray Street, New York.**

## The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN  
QUALITY AND PERFECT IN FINISH. WE  
MAKE EVERY VARIETY OF FINGER RINGS.

**J. B. BOWDEN & CO.,**

**1 Maiden Lane.**

**NEW YORK.**



and Mr. Brower says it is the handsomest and most perfect domestic pearl he has ever seen. A talk with Mr. Brower reveals the fact that the White River will be entirely cleaned out of pearls in less than a year. The Black River is now an empty field for pearl hunters, and the next river to be worked will probably be the Cumberland, in Kentucky. He believes that in a very few years domestic pearls will be very scarce.

Sidney A. Keller, New York, has assigned his patent handle for buttonhooks and similar articles to the Woodside Sterling Co., 192 Broadway, New York.

A young man about 21 years old, of dark complexion and medium size, recently went to several jewelers in Maiden Lane, among whom were A. Wallach & Co., J. B. Bowden & Co., Byron L. Strasburger & Co., and Manassah Levy, and asked for goods on memorandum for Frolichstein & England, whom he said he represented. At Strasburger's he acted so suspiciously that they would not give him the goods, saying that they would send them around to Fro-

lichstein & England by messenger. When the goods finally reached Frolichstein & England this concern said that they had not ordered them and knew nothing about the young man. The same game was attempted on A. Wallach & Co. several times without success. About a month ago a young man called at J. B. Bowden & Co. and was able to get an order of gold rings. Neither he nor the rings have been seen since.

#### Death of Thomas Griggs See.

Thomas Griggs See, for many years a prominent jeweler in Yonkers, N. Y., died at his home, 4 Maple St., in that city, Friday night, from heart failure.

Mr. See was born in Perth Amboy, N. J., about 77 years ago. When a young man he learned the trade of a jeweler, and continued in that business until his death.

In 1868 he moved to Yonkers, and had lived there since. His store was located at 23 Main St.

The interment was at Perth Amboy.

#### Asher Green Sues His Brother and Others for Conspiracy and Libel.

Laurence G. Goodhart, counsel for Asher Green, a jewelry salesman, has commenced an action in the Supreme Court, New York, against Andrew Davies, James S. Gorman, Woolf Green and Israel Oppenheim for conspiracy and libel, and served the complaint Monday on all of the defendants except Oppenheim, who is in Atlanta, Ga., and who will have to be served by an order of substitution.

In the bill of complaint Green alleges that the defendants had formed a conspiracy for the purpose of traducing his good name and had induced many of his friends and business associates to believe that he was insane and not capable of attending to his business—was a dangerous person to associate with and was totally unfit to be at large. Green traveled extensively throughout the southern states and sold jewelry to the trade there. He alleges that these stories concerning his sanity were spread about among his customers in order to ruin his standing with them, so as to get rid of him as a competitor.

Woolf Green and Israel Oppenheim compose the firm of W. Green & Co., 6 Maiden Lane, New York. James Gorman is bookkeeper for the concern and Andrew Davies is their salesman in the southern states.

The plaintiff alleges in his complaint that he and his family have very materially suffered by the damaging stories told by the defendants and that he has lost considerable of his custom in the southern states and was caused much annoyance by the report among his friends that he was insane, and asks \$20,000 damages and costs and disbursements of the action.

Max J. Lissauer, of Lissauer & Co., 12 Maiden Lane, New York, who returned recently after a four months' trip in Europe, spent a large part of the time in London, Amsterdam and Paris, where he purchased diamonds and pearls liberally. Some of the goods purchased have already arrived, while others are expected shortly.

# SEVENTH CAPITAL, \$1,700,000.

## NATIONAL BANK,

## NEW YORK CITY.

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WM. H. TAYLOR, {  
GEO. W. ADAMS, ASST. CASHIER.

R. W. JONES, JR., VICE-PRESIDENT AND CASHIER.  
SULLIVAN & CROMWELL, GEN. COUNSEL.

#### ACCOUNTS INVITED.

Our patrons, irrespective of the size of their accounts, will receive courteous and considerate attention, and liberal accommodations will be extended upon acceptable collateral.

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Alex. McDonald, Wm. F. Carlton,  
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## The Mercantile National Bank

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SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

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ARNOLD KOHN, Vice-President.

A. I. VOORHIS, Cashier.



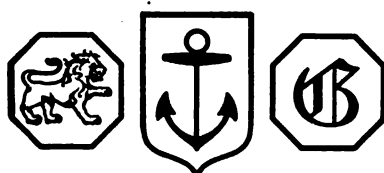
# GORHAM REPUTATION IS FOR JEWELERS ONLY

**I**T has taken us more than fifty years to establish our name and leading position among the *Silversmiths* of the World.

Our good name is a business asset that we value highly and constantly aim to maintain at the estimate our friends have learned to put upon it.

The GORHAM name has never stood for anything but the best. For anything else than just the thing represented.

GRAND PRIX  
PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

STERLING

We pride ourselves, we believe justly, upon the reputation of our goods, a reputation we share with the legitimate Jewelry Trade only.

The goods bearing our Trade-Mark are never sold to Dry Goods and Department Stores.

**GORHAM MFG. CO.**  
*SILVERSMITHS*

Broadway and Nineteenth Street, New York

BRANCHES

NEW YORK

21-23 Maiden Lane

CHICAGO

131-137 Wabash Avenue

SAN FRANCISCO

118-120 Sutter Street

WORKS: Providence and New York



# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

### Trade Gossip.

The John Holland Gold Pen Co.'s new fountain pen is being put on the market, and is proving a great seller. It is expected to make a record for popularity during the holiday season.

Gebhardt Bros., Cincinnati, O., who have come into front ranks as the patentee and manufacturer of the Victory attachments, have increased their lines and make fine diamond and pearl brooches and pendants. Their Fall stock is most complete.

Briggs & Dodd, the well-known jewelry auctioneers of 45 and 47 Plymouth Place, Chicago, Ill., have been busy all Summer and have conducted large and successful sales for many prominent retail jewelers. One of the advantages of engaging this firm, they claim, is obtaining the services of two experienced auctioneers at the cost of one.

Henry Freund & Bro., 9 Maiden Lane, New York, anticipating the usual holiday distribution of calendars, have distributed among their customers a large calendar, with a striking bust of a woman, which will no doubt attract considerable attention. Jewelers who have not received one of these calendars can secure a copy by writing for it.

L. H. Watrous, of Deep River, Conn., is looking over the ground in Denver, Col., with a view to erecting a cut glass factory at that place. Mr. Watrous, before leaving Connecticut, was commissioned by G. A. Jones, secretary and treasurer of the Niland Cut Glass Co., Deep River, to survey the field carefully for him. If a good offer is made by the city of Denver, the company will transfer their plant to that city.

*Sparks from the Anvil*, the publication of which had been suspended for a while, has again made its appearance in a new form. It is a 16-page monthly, 6½ x 9½, published by the Crucible Steel Co. of America, Pittsburgh, Pa., and as the name suggests, is devoted exclusively to the steel industry. The cover page is very tastily designed and is printed on a harmonious combination of black, green and manilla. For a private organ it is exceedingly interesting, containing, as it says, timely, well illustrated articles pertaining to the manufacture of steel. Its publication is continued in accordance with numerous requests made by former subscribers.

### Who Can Answer?

Editor JEWELERS' CIRCULAR—WEEKLY:

Gentlemen: Will you please inform us if there is a silverware manufacturer who is making a line of flat ware, sterling silver, known as the Marshal Niel Rose pattern; if so what is his address?

Yours truly,

V. T. W.

Jacob Levinson, a jewelry peddler of Elmira, N. Y., was instantly killed last week by an Erie train, which passed over him. His neck was broken, and two bolts on the pilot of the engine had pierced his skull.

The residence recently destroyed by fire at Temple, Tex., was the property of J. M. Crawford, an optician, now living in Denison, Tex., and was not owned by R. T. Crawford, Temple, Tex., as erroneously reported.

## Fine Leather Goods.

Our Holiday Line will be on exhibition  
at the Palmer House, Chicago, Room 546,  
from Sept. 19th to Oct. 18th.



**C. F. RUMPP & SONS,**  
PHILADELPHIA.

ESTABLISHED  
1850.

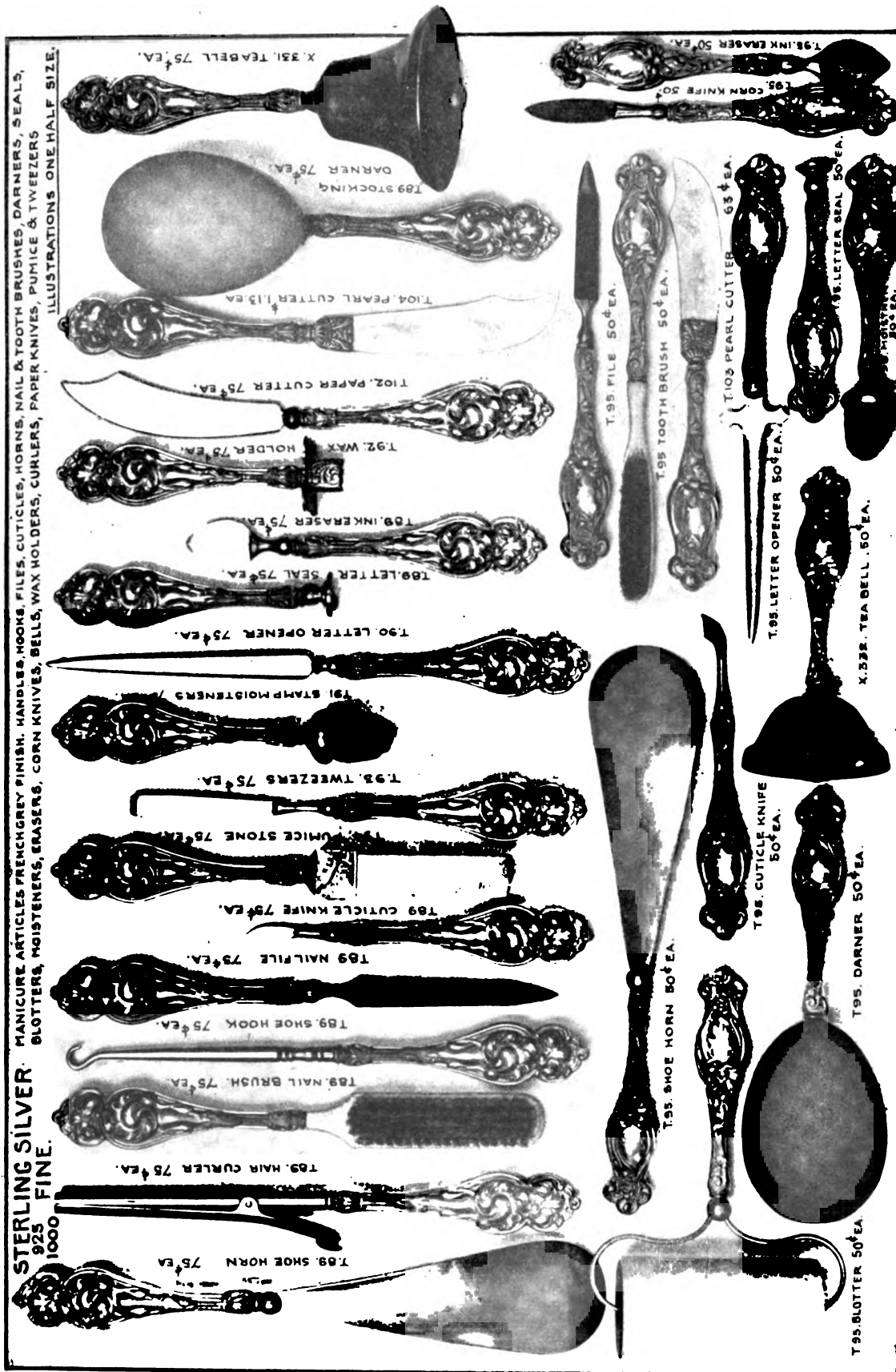
New York Salesrooms, 683 & 685 Broadway (cor. Third St.)

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**Don't Miss a Chance** to see the best line of Sterling Silver Toilet, Manicure, Writing and Shaving Sets. Our own unique design cases. The **style, finish** and price of this line will interest you.

The goods you purchase will either impress your trade and sell quickly, or your customers will pass them by.  
**Our Goods Sell at Sight.** They are a little better, or cheaper or more practical than others, and we want you to know it.



Prices subject to trade discount. A sample page from our New Catalogue. Write for it if you have not received a copy.

**M. J. AVERBECK, Manufacturer, Nineteen Maiden Lane, New York.**

You are cordially invited to call at our sample rooms. If you cannot visit New York, drop us a card and one of our salesmen will visit you.



**News Gleanings.**

Clark Miller, Findlay, O., will shortly move into more elaborate quarters.

Bruck & O'Connor have sold out their stock of jewelry, etc., in El Paso, Tex.

Strode & Schnell, Chandler, Okla., have given a chattel mortgage for \$100.

J. J. Traversy has sold out his drug, jewelry and furniture business in Galt, Mo.

The Stansel Jewelry Co. has removed from Hartshorne, Ind. T., to Elk City, Okla.

Willard Levee, Little Falls, N. Y., has moved his stock into more commodious quarters.

E. E. Venrick has discontinued his jewelry and confectionery business in Norton, Kan.

Henry Taubman, St. Johnsville, N. Y., is having his store renovated and handsomely decorated.

C. G. Lindholm, Lockport, Ill., contemplates making a trip to the lakes during his vacation.

James J. Stephens, Pensacola, Fla., has moved into more commodious quarters at 120 S. Palofox St.

W. Campbell, with the Elgin National Watch Co., Elgin, Ill., is going to Honolulu on a vacation.

S. B. Moses has purchased the drug, wallpaper and jewelry business of J. H. Moses, in Galt, Mo.

Harry W. Thompson will shortly occupy the corner store, in the Besson building, La Porte, Tex.

A. H. Davis, of the A. H. Davis Jewelry

Co., Red Lodge, Mont., has given a realty mortgage for \$1,500.

C. L. Streeter, who recently sustained a broken arm, has sold out his business at Chillicothe, Ill.

H. C. Williams, watchmaker, Rochester, N. Y., has accepted a position with Julius R. White, of that city.

B. Rudd, Ilion, N. Y., has returned from a sojourn in the north woods and a visit to western New York.

C. F. Dillahunt, Guthrie, Okla., has moved into more commodious quarters in the International block.

William A. Peck, Denison, Tex., is making extensive improvements in the interior and exterior of his store.

O. E. Worman, who has been at Marshall, Minn., has located at Hamline University, in St. Paul.

Frank Rogers, Gloversville, N. Y., has entirely renovated and improved his establishment on W. Fulton St.

Brown & Robinson, Kalispell, Mont., have dissolved partnership, J. A. Robinson succeeding to the business.

A judgment for \$274 has been rendered against L. Altman, a jeweler and pawnbroker of South Omaha, Neb.

C. E. Hunter, Bowling Green, O., contemplates locating in the quarters occupied by R. B. Slauson at that place.

V. & R. O. Lewis, Bison, Kan., recently lost by fire stock valued at \$800, which is covered by only \$300 insurance.

A. L. Jones has admitted a partner in his jewelry business in Llano, Tex., and the firm is now Jones & Francis.

Chas. Welte, of Welte & Wieting, Peoria, Ill., is enjoying a vacation at Petoskey, Mich., and other northern points.

A. F. Roach has sold his jewelry business in Washburn, Wis., and has moved with his family to Grand Rapids, Wis.

Claude M. Wall, Gallipolis, O., has added a plate glass front to his store and made extensive improvements in the interior.

Geo. W. Cooley, Sidney, N. Y., has enhanced the beauty of his establishment by installing a system of electric lights.

Wm. Babcock and wife, Salem, N. Y., recently spent a few days as guests of L. H. Finch and wife at Greenwich, N. Y.

Ed. Hoffman, Ocala, Fla., has gone to Barnesville, Ga., to accept a position with the jewelry firm of John H. Bate & Co.

W. W. Dickerson, Wilson, Kan., has sold his entire stock of jewelry to Wm. Slimm. Mr. Dickerson will locate in Omaha, Neb.

Lee Perkins, a jeweler of Milo, Me., recently spent a few days with old friends at his former residence in Fort Fairfield, Me.

The report last May that Russell W. Parish, Rutland, Vt., had assigned was erroneous. Mr. Parish made no assignment.

Edgar H. Andress, Jr., until recently vice-president of the Burt-Terry Co., has been engaged by Ankeny & Erisman, Lafayette, Ind.

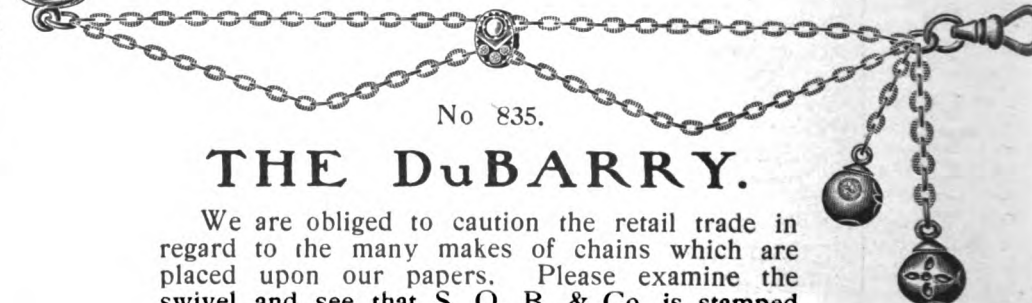
Owing to the dissolution of the jewelry firm of Stanton & Due, O'Neill, Neb., the business will be continued by Major F. Due.

The Geo. E. Wheelhouse Co. has leased the store in the rear of the premises, cor. Genesee and Blandina Sts., Utica, N. Y.



**T**HE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.

**S. O. BIGNEY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.



The company has installed in its quarters new and improved machinery.

F. J. Porte and F. W. Sparling, Winnipeg, Man., have returned from a month's trip through New York and other eastern points.

L. E. Burris, Elliott, Ia., recently visited Milford, Ia., where he was considering the advisability of establishing a branch jewelry store.

Alfred J. Heesen, Toledo, O., has just completed extensive improvements in his store, including interior and exterior decorations.

Elwood Feichtinger, Womelsdorf, Pa., reports the loss of a considerable amount of jewelry, which was stolen by burglars, last week.

J. W. Moore, senior member of the firm of Moore & Graham, Meridian, Miss., has returned from a purchasing trip to New York.

J. F. Grove, Chambersburg, Pa., has returned to his home after visiting his wife at Waynesboro, Pa., where she is suffering with typhoid fever.

P. Wilkins has given a bill of sale to his half interest in the jewelry firm of Wilkins & Pierson, New Hampton, Ia., for a consideration of \$2,138.

A. Voegeli, watchmaker, Rockford, Ill., intends going to Appleton, Wis., where he will take charge of the finishing department in a watch factory at that place.

The entire stock of jewelry owned by A. M. Bronson, Susquehanna, Pa., is being sold at auction. The store furniture is being disposed of in the same manner.

Henry Heckell, formerly connected with R. T. Crawford's jewelry establishment, Temple, Tex., has secured a position in Houston, whither he has gone with his wife.

The Western Clock Mfg. Co., La Salle, Ill., is erecting a large addition to its building, after which the present working force of 325 men and women will be considerably increased.

The jewelry establishment of Mrs. G. W. Rigdon, 1219 First Ave., Seattle, Wash., was recently destroyed by fire. Several other business firms also sustained heavy losses.

Geo. W. Chatterton, Springfield, Ill., is erecting a brick extension 60 feet long to the rear of his jewelry and music establishment. The extension will be used as a piano department.

The removal of H. Linwood Phillips' jewelry stock to his new quarters at the "Four Corners," Smyrna, Del., will make room for the proposed enlargement of the store of Hall & Megear.

John E. Beck, Martin's Ferry, O., reports having been robbed of about \$50 in cash in the Sloane House on the Park Boulevard, Sandusky, O., whither he had gone with the Belmont county delegation for the Democratic State Convention.

Frank Tingle's jewelry establishment at Dresden, O., was recently entered by burglars, who took all the silver that was in the show case, together with a box of old watches and scraps of old silverware from the repair bench. They then went to the offices of J. W. Lanning, where S. R. Castleman, a jeweler, is located. They were obliged to leave this latter place after making fruitless attempts to secure plunder.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Kremetz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Kremetz & Co., 40 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Kremetz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Kremetz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.





THE  
**SUCCESSFUL**



# SECURITY

A POPULAR SETTING OF UNUSUAL MERIT, AFFORDING PROTECTION FOR THE GEM IN ADDITION TO GREATLY INCREASING ITS BEAUTY AND BRILLIANCY. ♡ ♡ ♡ ♡ ♡ ♡ ♡

**SCHRADER-WITTSTEIN CO., MFG. JEWELERS, Est. 1863.**  
NEW YORK, 21-23 MAIDEN LANE. CHICAGO, 103 STATE STREET.  
FULLY COVERED BY PATENTS. WRITE FOR PRICE LISTS.

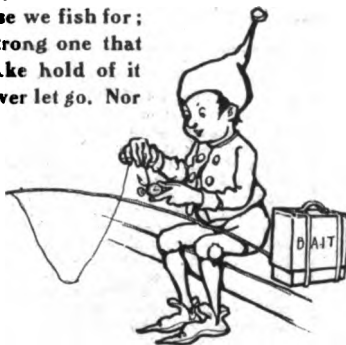


## FISHING.

No more pleasant occupation for us than to be fishing for customers. We are doing it right along with pretty good results, as the bait is fine, and if you bite once you will come back for more. Our line of 10k. gold jewelry, which is the line that catches most of those we fish for; is such a strong one that once you take hold of it you will never let go. Nor will we,

if we can help it; as we always try to hold on to any connections that we make, and usually succeed, having something of interest at all times to keep them in touch with us.

Come up when in the city and you will find our lines attractive enough to take hold of without any persuasion on our part.



**HENRY FREUND & BRO.,**

DIAMONDS, WATCHES, JEWELRY, ELK GOODS,

Sellers a Specialty.

9 MAIDEN LANE, N. Y.

## THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co.

11 John Street, New York

### Jewelers Pay Most of the Taxes of Attleboro, Mass.

ATTLEBORO, Mass., Sept. 13.—The assessors of Attleboro made public the tax list last Saturday. In view of the fact that the wonderful growth and increase in material prosperity of the town, briefly described in THE CIRCULAR-WEEKLY last week depends almost entirely on the jewelers, there is some interest in reading the following. It is a list of the manufacturers as individuals and of the firms, the figures subjoined being the number of dollars they will pay into the treasury of Attleboro this year in taxes:

C. H. Allen & Co., \$160.20; Allen, Smith & Thurston, \$124.60; Attleboro Mfg. Co., \$729.80; Attleboro Refining Co., \$180.85; Joseph M. Bates, \$4,004.42; Bay State Optical Co., \$462.80; James A. Bigney, \$105.68; Sidney O. Bigney, \$1,251.03; S. O. Bigney & Co., \$605.20; B. K. Mfg. Co., \$133.50; The James E. Blake Co., \$534; James E. Blake, \$1,082.91; Bliss Bros. Co., \$320.40; Charles E. Bliss, \$556.65; Everett B. Bliss, \$589.22; the D. F. Briggs Co., \$210.04; Bristol Mfg. Co., \$106.80; George L. Brown & Co., \$124.60; Albert A. Bushee, \$230.73; A. Bushee & Co., \$443.22; Edward P. Clafin, \$201.36; Herbert A. Clark, \$353.73; William R. Cobb, \$292.14; John W. Cody, \$226.17; Cowell-Andrews Smelting Co., \$430.76; George N. Crandall estate, \$362.01; Alfred R. Crosby, \$321.69; J. C. Cummings & Co., \$106.80; P. J. Cummings & Co., \$249.20; Homer M. Daggett, \$192.46; Frank P. Daughaday, \$166.65; G. A. Dean Co., \$356; Mrs. G. A. Dean, \$690.55; Dunbar, Leach, Garner Co., \$124.60; C. H. Eden & Co., \$124.60; S. M. Einstein, \$150.01; Einstein & Luther, \$455.50; Willard A. Engley, \$578.30; A. M. Everett, \$144.93; John M. Fisher, \$499.24; J. M. Fisher & Co., \$462.80; Fontneau & Cook, \$124.60; Thomas D. Gardner, \$146.54; E. D. Gilmore & Co., \$161.80; William H. Goff, \$385.23; Emmons D. Guild, \$223.17; Walter E. Hayward, \$482.78; George H. Herrick, \$226.10; Horton, Angell Co., \$1,109.29; Everett S. Horton, \$582.29; Raymond M. Horton, \$537.69; Albert S. Ingraham, \$273.18; J. T. Inman & Co., \$142.40; Louis J. Lamb, \$131.32; David E. Makepeace, \$1,409; Marble & Forrester, \$142.40; C. A. Marsh & Co., \$320.40; Chas. A. Marsh, \$593.23; Fred G. Mason, \$114.50; Mason, Howard & Co., \$133.50; Thomas E. McCaffrey, \$299.26; McRae & Keeler, \$462.80; Henry D. Merritt, \$206.70; The Frank Mossberg Co., \$356; Peter Nerney, \$171.99; William Nerney & Co., \$106.80; Fred A. Newell, \$376.24; Regnell, Bigney & Co., \$397.39; Herman T. Regnell, \$134.88; Charles M. Robbins, \$166.29; The C. M. Robbins Co., \$249.20; heirs of E. A. Robinson, \$703.10; Mark E. Rowe, \$413.71; Frank H. Sadler, \$191.84; Sadler Bros., \$288.36; F. H. Sadler & Co., \$320.40; Herbert A. Sadler, \$286.80; Thomas G. Sadler, \$194.24; Mace B. Short, \$229.48; the R. F. Simmons Co., \$1,475.62; C. Adin Smith, \$122.42; Smith & Crosby, \$356; D. H. Smith, \$173.85; Granville S. Smith, \$127.85; N. J. Smith, \$159.53; William H. Smith, \$261.26; Albert W. Sturdy, \$740.25; E. A. Sweeney, \$668.71; E. A. Sweeney and E. D. Guild, \$323.07; Charles O. Sweet, \$112.46; Mrs. Florence M. Sweet, \$534.45; J. Lyman Sweet, \$247.91; Charles H. Tappan, \$892.71; C. H. & W. C. Tappan, \$173.73; William C. Tappan, \$328.81; Fred L. Torrey, \$130.78; T. Leslie Watkins, \$158.55; Clarence L. Watson, \$4,642.19; Watson-Newell Co., \$1,513; F. W. Weaver & Co., \$115.70; Henry Wexel, \$263.84; D. A. White & Co., \$142.40; Herbert M. Williams, \$220.05; H. M. Williams & Co., \$307.94; Elizabeth Wilmarth, \$468.14; H. P. & W. H. Wilmarth, \$313.46; W. H. Wilmarth Co., \$356.

# H. GATTLE,

MAKER OF

**HIGH GRADE DIAMOND JEWELRY.**

IMPORTER OF

**DIAMONDS AND PRECIOUS STONES,**

DESIGNS AND  
ESTIMATES FURNISHED.

65 Nassau St., Prescott Bldg., New York.

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ORDERS SOLICITED.



**Ferdinand Bing & Co.'s Successors,**

**10 Washington Place, New York.**

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**The Jewelers'  
Art Room,**

**The Connoisseurs' Bureau of Information**

**OF THE LATEST STYLES IN**

**Clocks, Bronzes and  
Artistic Porcelains**

**and all the fashionable productions in METAL GOODS.**

---

**Ferdinand Bing & Co.'s Successors,**

**10 Washington Place, New York.**





Traveling representatives may consider these columns open for the publication of any news or items of interest regarding themselves or their conferees.

The following representatives called upon the Pittsburgh, Pa., trade, during the past week: M. M. Tannenbaum, L.

Tannenbaum & Co.; Mr. Sideman, Redlich & Co.; Mr. Peck, Waite, Thresher Co.; C. A. Whiting, Whiting & Davis; George H. Remington,

Waite, Mathewson & Co.; George C. Booth, Engelfried & Weidmann; Donald Le Stage, H. D. Merritt & Co.; Edwin F. Skinner, Roy Watch Case Co.; Benjamin Nussbaum, William Bens; A. H. Oakley, Thornton Bros.; E. Cooper Stone, Jones & Woodland; L. H. Green, Keller & Henerlau Co.; C. F. Brinck, Crescent Watch Case Co.; F. R. Krugler, H. A. Kirby Co.; William W. Middlebrook, B. A. Ballou & Co.; H. D. Meyer, Frank Kurch & Son Co.

George Wettstein, Cedar Rapids, Ia., was a visitor to the Denver, Col., trade, last week.

Recent callers upon the Columbus, O., trade, were: William J. McQuillin, Hodenpyl & Sons; Adolph Rosenthal; Roman Warshaw, I. Ollendorff; C. B. Bartlett, Whiting Mfg. Co.; George Detmering, Herman Keck Mfg. Co.

Among the recent visitors to the New Orleans, La., trade, were Fred C. Herr, Bawo & Dotter; J. Zineman, Heyman & Hauser; W. F. Kramer, M. B. Bryant & Co.; E. C. Schortz, James M. Cohen; and a representative of Cary, Moore & Son.

The following visited the Portland, Ore., trade, last week: Frank F. Gibson, H. A. Kirby Co.; A. G. Prouty, A. I. Hall & Son; F. B. Sadler, Dueber Watch Case Mfg. Co.; David Beer, Bernheim & Beer; S. A. Goldsmith, Adolph Goldsmith & Son; A. E. Wood, Unger Bros.; and A. H. Schutrum, David Marx.

The trade in Memphis, Tenn., was visited, last week, by Joseph Friede, Eisenstadt Mfg. Co.; William T. Smith, Wilcox Silver Co.; H. Griffith,

D. V. Brown; L. W. Melcher, F. A. Hardy & Co.; C. S. Marx, Henry Froehlich & Co.; Morris Kipper, Hipp, Didisheim & Bro.; E. M. Childs, Aikin, Lambert & Co.; N. S. Valk, N. H. White & Co.; George L. Brening, Dennison Mfg. Co.

The following representatives of eastern houses visited San Francisco, Cal., last week: Rube Barker, Mandeville, Carrow & Crane; Arthur Leach, F. W. Smith; Arthur Thornton, Powers & Mayer; F. F. Gibson, H. A. Kirby Co.; Mr. Woods, Unger Bros.; J. Franklin, L. Tannenbaum & Co.; Jack Stanley, Mauser Mfg. Co.; Mr. Hirsch, Hirsch & Flashner; Benjamin C. Crandall, C. H. Allen & Co. and Maintien Bros. & Elliott; and R. B. McDonald.

The following eastern representatives were in St. Louis, Mo., last week: Jerome M. Lissauer, David Marx; James C. Cook, Champenois & Co.; William W. Middlebrook, B. A. Ballou & Co.; Mr. Peck, Waite, Thresher Co.; Harry Mix, Wightman & Hough Co.; A. H. Oakley, Thornton Bros.; Ernest Block, Louis Stern & Co.; Charles H. Clark, W. G. Clark & Co.; Mr. Rosenberg, S. K. Grover Co.; H. E. Cobb, Daggett & Clap Co.; J. H. Friedlander, H. Z. & H. Oppenheimer; Mr. Wiser, Goldstein Jewelry Co.

The Boston trade was visited, last week, by the following representatives: W. Sumner Blackinton, W. & S. Blackinton Co.; Mr. Greenfield, J. J. Cohn; Harry Beach, International Silver Co.; H. T. Barrows, Henry F. Barrows & Co.; W. G. Clark, W. G. Clark & Co.; C. E. Hancock, Hancock, Becker & Co.; George Hutchinson, Hutchinson & Heustis; E. H. H. Smith, E. H. H. Smith; Fred S. Gilbert, F. S. Gilbert & Co.; Mr. Berdine, Towle Mfg. Co.; Chris. Morgan, International Silver Co.; George Sylvia, Mount Washington Glass Co.; C. Frank Burns, Pairpoint Corporation; Louis Wolfsheim, Louis Wolfsheim & Co.; Mr. Colby, Towle Mfg. Co.; Frank Keller, Keller Mfg. Co.; Mr. Magee, C. F. Rump & Sons; C. E. Hancock, C. E. Hancock & Co.; Mr. Tarlton, Wightman & Hough Co.; John T. Miller, Seth Thomas Clock Co.; E. E. Stockton, E. Ingraham Clock Co.

The following eastern representatives visited the trade in Kansas City, Mo., last week: W. H. Thornton, Powers & Mayer; Max Hass, S. & A. Borgzinner; William Rosenberger, A. Wallach & Co.; J. P. Norton, Whitney Paper Co.; Norbert Granzburger, L. & M. Kahn & Co.; W. S. Metcalf, Plainville Stock Co.; Mr. Williams, Warren & Williams; W. S. Sparrow, Stern Bros. & Co.; Joseph S. Frank, Sussfeld, Lorsch & Co.; A. Ware, Arthur W. Ware & Co.; Al. Pretzfelder, Manassah Levy and L. W. Levy & Co.; W. F. Roth, American Morocco Case Co.; Herman A. Purdy, William A. Rogers, Ltd.; C. W. Edwards, Charles E. Hancock Co.; A. H. Oakley, Thornton Bros.; J. W. Smith, Horton, Angell Co.; James A. Zobel, James M. Cohen & Co.; C. H. Davison, Coddling & Heilborn Co.; William T. Smith, International Silver Co.; R. H. Wagner, Taylor Bros. Co.; Ernest Block, Louis Stern & Co.; Carl M. Fishel, Rice & Hochstetter; and W. H. Lee, Edwin Lowe & Co.

Among the representatives of wholesale houses who, recently, visited the trade in Detroit, Mich., were: H. C. Cohen, Adolphe Schwob; Mr. Singleton, Adams & Singleton; S. D. Englesman, Goodfriend Bros.; Mr. Smith, Reeves & Browne; W. R. Shute, Edward Todd & Co.; L. F. Ellmore, La Pierre Mfg. Co.; P. L. Smith, Roger Williams Silver Co.; J. C. Hull, Silver Plate Cutlery Co.; A. N. Dorchester, Chapin & Hollister Co.; George T. Howard, Towle Mfg. Co.; H. C. Barnum, Shafer & Douglas; Walter S. Noon, W. F. Cory & Bro.; H. C. Rowbotham, C. P. Goldsmith & Co.; Mr. Wallis, T. W. Adams & Co.; J. Williams, G. Armeny; Mr. Viele, Livermore & Knight Co.; Charles T. Dougherty, William L. Sexton & Co.

Among the representatives of eastern houses in St. Paul and Minneapolis, Minn., last week, were: Mr. Jacobs, Homan Silver Plate Co.; Mr. Love, Knickerbocker Silver Plate Co.; Mr. Perkins, St. Louis Silver Co.; Mr. Kintz, E. G. Webster & Co.; Mr. Holloway, Hamilton Mfg. Co.; Mr. Levy, E. V. Levy & Co.; Charles S. Down, J. H. Peckham & Co.; representative of the Lyons Jewelry Co.; C. B. Osgood, Dennison Mfg. Co.; J. S. Frank, Sussfeld, Lorsch & Co.; R. J. Marsh, C. A. Marsh & Co.; F. R. Sheridan, Riley, French & Heffron and Arnold & Steere; Mr. Mumford, W. H. Bell & Co.

W. D. Fennimore, of the California Optical Co., has returned from Carson City, Nevada, where he had been to see his son, who is very low with typhoid fever.

## Diamond Mounting.

We are prepared to execute special order work in Diamond Mounting of the highest grade.

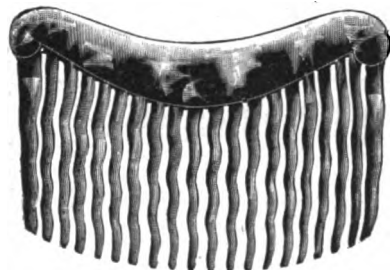
PLATINUM FRONT WORK.

### L. T. GRANT & CO.,

Represented by  
PHIL. O. STUTZMAN.

17 Maiden Lane, New York.

## Pioneer Tortoise-Shell House.



High Grade Shell Combs for the Best Trade.

**BACK COMB, No. 5617,  
\$3.00 EACH.**

Highly finished, hand made. 25 per cent. cheaper than any comb its equal on the market.

**A. TRENMANN,**

407 BROOME ST., - NEW YORK.  
Established 1857.

## BLANCARD & CO.,

Settings, Galleries, etc. Foxtail Chains.

Write for NEW CATALOGUE.

96, 96 and 100 Maiden Lane, - NEW YORK.

## SCHWITTER & KENNEDY,

Sweep Smelters and Assayers,

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Telephone, 904 Cortlandt.

Works: 28-32 Cumberland St., BROOKLYN, N. Y.



# Supereminence in Mainsprings.

The underlying principles and generally accepted theories of modern mainspring construction emanate primarily and to the greatest extent from the Maker of the **Longeval**.



Making of Mainsprings in its various phases has attained its greatest development at the hands of this maker.

Method of packing avoids all possibility of rust. Made by the best maker in the world, of highest grade steel, finished down by hand, high in carbon, best in temper, ensuring uniform pulling power.

Only one spring need be handled and exposed at a time, instead of a full dozen as with other makes.

With each order for one gross of mainsprings, a fine oak cabinet, made expressly for this brand of springs, will be included gratis.



The "LONGEVAL" are for sale at your jobbers. If not, write the Importers **HAMMEL, RIGLANDER & CO., 35 Maiden Lane, New York City**, for the address of the nearest jobber who will serve you with the **BEST**—

## NOTICE.

The importers of these mainsprings are the first to have employed the idea of putting each spring in a separate box, thus protecting them against rust and climatic changes, and to place a number of these small boxes in a box or case.

They have taken expert advice as to their sole and exclusive right to this manner of "dressing" mainsprings, and have been advised that they have a proprietary right thereto.

The trade is hereby notified that any infringement of this manner of "dressing" mainsprings for the market will be vigorously prosecuted.

## The "Longeval"

Mainsprings for all makes and grades of American Watches.



## Optical Notes and Briefs.

(Additional Optical Notes on page 84.)

C. G. Stephens, optician, Osborne, Kan., has given a chattel mortgage for \$260.

H. H. Watts, optician, Kansas City, Mo., has removed to a new store at 105 E. 11th St.

The Dallas Optical Co., Dallas, Tex., has been succeeded by the Chappel Optical Co.

Jos. Ferguson, optician, 15th and Market Sts., Philadelphia, Pa., spent last week in Chicago.

C. L. Merry, of the Merry Optical Co., Kansas City, Mo., has gone to Chicago, Ill., for a few days.

Prof. Emmet, optician, has returned to Middletown, Conn., where he will open his office on William St.

E. P. Long, St. Cloud, Minn., has taken a post-graduate course in ophthalmics under S. B. Millard, of Litchfield, Minn.

Miss Helen M. Porter, San Bernardino, Cal., has been spending the past month in San Francisco, taking a course in optics.

Chas. A. Hoffman, manufacturing and wholesale optician, Minneapolis, Minn., has opened a branch store at 361 Wabasha St., St. Paul, Minn.

A. L. Sanderson, traveler for the Merry Optical Co., Kansas City, Mo., is spending a few days at the home office in Kansas City, Mo.

C. W. Zieger, who recently sold his jewelry business at Oskaloosa, Ia., has gone to Denver, Col., where he will engage in the optical business.

W. H. Schwarzschild & Bro., Richmond, Va., will occupy the S. E. cor. of Broad and 2d Sts., where they will conduct a large jewelry and optical store.

W. V. Blair, Meriden, Conn., has equipped his optical department with modern appliances, and has secured the services of R. R. Gwillam, an expert refractionist.

Dr. Lowe, a Eugene, Ore., optician, was in Cottage Grove, recently, looking after his professional business as well as some timber industries in which he is interested.

John W. Lindstrum, who had been employed with F. A. Hardy & Co., manufacturing opticians, Chicago, Ill., has accepted a position with Fair & Square Jewelers, Joliet, Ill.

Max Berman, optician, Altoona, Pa., recently celebrated the second anniversary of the opening of his establishment at 1309½ 11th Ave., by distributing souvenirs to about 4,000 persons.

J. C. Tracy, Willimantic, Conn., has made extensive alterations in the rear of his store on Main St. The rear part of the store has been partitioned off and will be used for an optical department.

Professor Grant, vice-president of the Canadian Association of Opticians, left Montreal, Tuesday night, for Toronto to read an address before the annual convention of that body, and returned Friday.

Among those who recently graduated from the Southwestern Optical College, Kansas City, Mo., were: Alice Rowden Kelly, Mountain Grove, Mo.; John Hollen Kelly, and E. B. Allen, Binghamton, N. Y.

G. W. McKenna, formerly manager of the optical department of the Owl Drug Co., Sacramento, Cal., is now going to

take charge of the optical department of Weinstock, Lubin & Co.'s store in that city.

H. S. Rose, optician, Addison, N. Y., has removed his optical and watch repairing business into the block occupied by the Recorder.

The office of Dr. B. F. Crissenderry, optician, at Elwood, Ind., on Sept. 10, was entered by unknown persons, during the temporary absence of the doctor and \$80 in bills and a small amount of silver were stolen from the unlocked safe.

Miss Frances Wilzinski, an optician on Fifth Ave., Seattle, Wash., who, last week, purchased two lots on the northeast corner of Sixteenth Ave., will shortly have plans prepared for two houses, one for her own use and one for rental purposes.

J. R. Anderson, optician and jeweler, Wadena, Minn., is making a tour of the western States and practicing optics. He recently had a bad hemorrhage of the lungs, but finds his health greatly improved by the California climate.

The Maxwell & Raiford Jewelry Co., Tuskaalosa, Ala., will shortly add an optical department and Mr. Will Raiford has gone to Chicago to fit himself for the new work. The firm will also carry from now on, a large stock of pianos and a line of souvenir spoons.

W. H. Burke, formerly proprietor of a jewelry store at Marion, Ia., is at present taking a course in optics at the Northern Illinois College of Ophthalmology and Otology. After finishing his course it is understood Mr. Burke will consider going into business again.

The optical firm of Richards & Davis, which recently opened an office in the Sage-Allen building, Hartford, Conn., is composed of Geo. B. Richards, a well-known eyesight specialist, and Chas. E. Davis, many years in the employ of two of Hartford's prominent optical firms.

The Whittlesey Optical Co., Cleveland, O., expects to occupy its new quarters in the Schofield building on Erie St., about the middle of Oct. They will have a handsome room on the first floor and also plenty of space on the second floor for manufacturing and storage purposes.

Five barrels of eyeglass lenses valued at more than \$1,000 were recently taken from the Winnepesaukee River in Tilton, N. H., in the rear of the Lord Bros. Mfg. Co.'s plant. It is supposed that the lenses were thrown away by workmen on the night shift to avoid the inspection of poor workmanship.

At a meeting of the board of directors of the Geneva Optical Co., Chicago, Ill., held Saturday, Sept. 6, the following officers were re-elected: W. M. Smith, president; Jas. D. Bradley, vice president; Fred Smith, secretary and manager, and William W. Coup, treasurer, to succeed George K. Shoenberger.

Harry Emrie, who has been at the head of the optical department of Oskamp, Nolting & Co., Cincinnati, O., for several years, has resigned his position and will take a few weeks' rest before engaging in business. Mr. Emrie is president of the Florentine Statuary Co., and is taking much interest in the success of that business.

## Canadian Association of Opticians' Meeting Well Attended.

TORONTO, Can., Sept. 15.—The annual convention of the Canadian Association of Opticians was held on the 11th and 12th inst. in the Saturday Night building. There were about 50 delegates in attendance. The chair was occupied by President W. G. Maybee of St. Catharines. The secretary, Alex. Moffatt, of Brantford, Ont., presented his report, showing that the organization had a membership of 87 and was in a prosperous condition.

A large committee was appointed to put forth efforts to increase the membership, and arrangements were made for the organization of district branches, Toronto being constituted the headquarters of the central organization. The question of awarding a diploma to members was discussed at length.

Papers were read by S. S. Grant, Montreal, on "The Proper Place for Ophthalmic Instruments in Refraction Work," and by W. J. Harvey, Toronto, on "Fixed vs. Mobile Lenses," which excited considerable discussion.

An interesting feature of the proceedings was a "Quiz Drawer," into which questions were dropped, which were answered by E. C. Culverhouse, chairman of the executive committee which embraced a number of interesting technical points.

The following officers for the ensuing year were elected: President, W. G. Maybee, St. Catharines; first vice-president, Samuel S. Grant, Montreal; second vice-president, W. H. Hopper, Cobourg; third vice-president, E. J. McIntyre, Chatham; chairman executive committee, E. C. Culverhouse, Toronto; secretary, Alex. Moffatt, Brantford.

On the evening of the 11th the delegates were tendered a complimentary banquet at McConkey's restaurant by the Cohen Bros. Limited. President Maybee presided, and Lionel G. Amsden officiated as toastmaster. Speeches were made by M. M. Cohen, Toronto; W. G. Maybee, St. Catharines; Prof. S. S. Grant, Montreal; L. G. Amsden, Toronto; H. Coates, Brockville; C. Austin, Simcoe; J. D. Isaacs, Toronto; H. Lazarus, Montreal, and Edward Belton, Toronto.

## Optical Society of the City of New York Meets in Fifth Avenue Hotel.

The regular monthly meeting of the Optical Society of the City of New York was held Wednesday evening in Parlor D-R of the 5th Ave. Hotel. The meeting was specially important, as it marked the opening of the lecture season, and was the first one held in two months. Prof. Fox delivered a lecture on position and negative curvature of the "Plus and Minus in Optics." A telegram was read from Dr. Wellzmler, who was to have spoken on the heart and lungs, stating that he was unable to be present.

Following the lecture, the business of the meeting was in order, and A. J. Cross, L. Klam and P. A. Dilworth were appointed a committee of three to communicate with the trustees of the College of the City of New York to try and get their permission to hold the monthly meetings of the society in the college building.



WRITE FOR ILLUSTRATED CATALOGUE SHEET OF  
**“RICESZINN”**

A PURE NON-TARNISHABLE METAL (OF SECRET COMPOSITION),

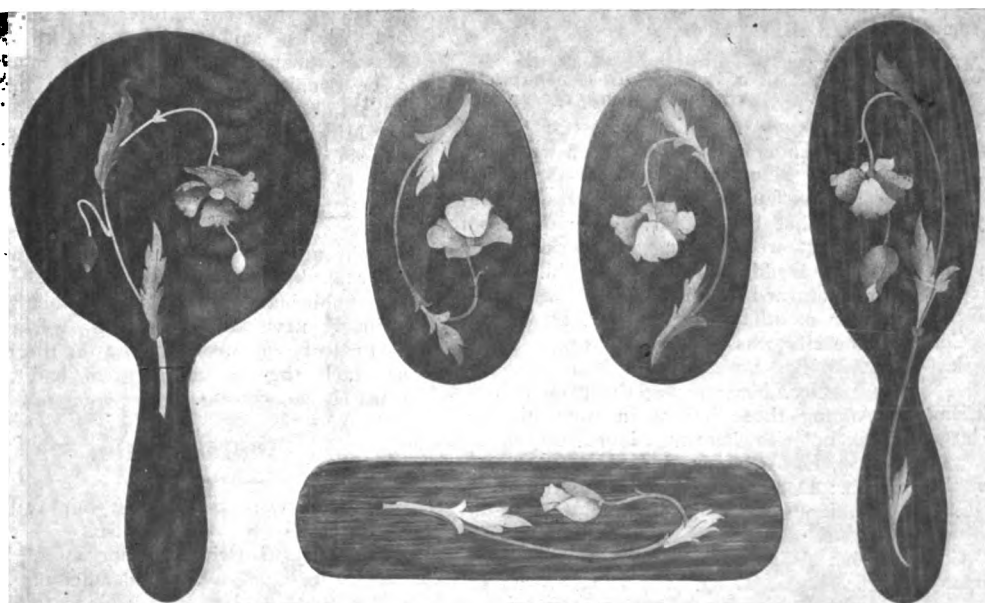
A LARGE VARIETY OF ARTISTIC STYLES FOR PRACTICAL USE  
 AND DINING ROOM DECORATIONS.

ORIGINATED AND MADE SOLELY BY

**Bernard Rice's Sons,**  
**MAKERS OF FINE ELECTRO-PLATED HOLLOW-WARE,**  
**542 Broadway,**

FACTORY, 4-6 Marion St.  
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NEW YORK.



**“Entirely  
 New.”**

INLAID REAL  
 EBONY.

INLAID REAL  
 ROSEWOOD.

We have spent fully two  
 years in obtaining some-  
 thing new and exclusive,  
 and which, at the same  
 time, could not be put on  
 the market in CHEAP  
 IMITATION.

These goods can only be appreciated by exclusive trade. It will be to your interest to place orders at  
 once, as we can only produce a limited quantity.

*J. J. Cohn*

49 MAIDEN LANE, NEW YORK.

Manufacturer of Leather Goods and Importer of Real  
 Ebony and Rosewood Toilet Articles.





VOL. XLV.

CHICAGO, WEDNESDAY, SEPT. 17, 1902.

No. 7.

### Chicago Notes.

#### TRADE CONDITIONS.

Industrial activity is greater than at any recent date. Many new factories and mills have been added to the productive capacity of the west, and facilities are being increased at old plants. The agricultural reports are all that could be desired. There is an abundance of crops in Nebraska, Kansas, Iowa, Illinois, Indiana and Ohio. The corn crop in parts of Kansas, Nebraska and Indiana, is probably the finest on record. The average person does not realize the many hundreds of millions of dollars that depend on the ripening of this crop. The wheat crop in the west this year is above the average. The census tells us of a vast increase in cattle; this, taken with the exceedingly good crop of grass reported this year, insures a low price on meat. Manufacturers and jobbers alike report a fine trade. The number of out-of-town buyers is increasing weekly—large orders are being placed at this market. Retail trade in the city is good and every indication points to a bright outlook for the Fall trade.

William Hellburg, Marshalltown, Ia., was welcomed by the trade last week.

Frank Reid and wife, Perry, Ia., spent the past week visiting the trade here.

A. C. Simons, of Gauss & Simons, Manilla, Ia., placed some orders here last week.

A. W. Nisbet, Diamondale, Mich., came to this market last week to buy his Fall line.

Henry Lutz, manager for Horace W. Steere, Detroit, Mich., was in this city last week.

Hans Schaub, Antioch, Ill., was in this city, looking up his old friends, the past week.

Mr. Fairbanks, of Fairbanks & Co., Raton, N. M., visited the local trade last week.

George E. Sibert and wife, Reinbeck, Ia., were here last week placing some large orders.

The Stein & Ellbogen Co. is now the western selling agent for the Pairpoint Corporation.

T. Talbot, with Joseph Fahys & Co., visited the Chicago office of the company last week.

Mr. Dutcher, with Pyle & Wyckel, Kalamazoo, Mich., called on the Chicago trade last week.

C. M. Secor, formerly traveler for J. H. Purdy & Co., has severed his connection with that house.

Charlie Crane, with Lapp & Flershem, is spending a few weeks' vacation traveling through the east.

F. E. Hyatt, western manager for the Philadelphia Watch Case Co., returns this

week from a visit to the trade west of Chicago.

Mack A. Hurlbut, Fort Dodge, Ia., called on the Chicago trade last week and placed large orders for his Fall line.

Mr. Mead, representing Factory A of the International Silver Co., visited the Chicago trade here last week.

H. O. Barden, credit man for A. C. Becken, accompanied by his wife, is spending a few weeks' vacation traveling through Colorado.

The Elmer A. Rich Co. has succeeded the Rich & Allen Co., Elmer A. Rich being president and John H. Mertz secretary of the new corporation.

J. B. Johnson, formerly with M. L. Huns-ton, Goodland, Ind., has started in business for himself and came to this city last week to buy his first stock.

Both members of the firm of Williams, Paxon & Co., Saginaw, Mich., made a round of the trade here last week and selected their Fall line.

J. H. Purdy, of J. H. Purdy & Co., leaves this week, in company with a nephew, for northwestern Washington, where the latter has extensive mining interests.

J. P. Anderson, who has been with C. D. Gardner, Manistee, Mich., for the past 16 years, has launched into business for himself in that town. Mr. Anderson was in town last week buying his stock.

L. H. Dodd, of Briggs & Dodd, auctioneers, returned to Chicago, last week, after a four months' absence. Mr. Dodd's stay in the city was short, however, as he and Mr. Briggs are slated to conduct a sale at Mexico, Mo., during the present week.

Among those buyers in town the past week not elsewhere mentioned were: C. C. Chase, Elroy, Wis.; E. L. Mosher, Otsego, Mich.; D. G. Berry, Carthage, Ill.; F. W. Matthiesen, Canton, Ill.; John H. Schmith, Clinton, Ill.; C. D. Gardner, Manistee, Mich.; W. A. Scheddell, Crown Point, Ind.; E. C. Long, Shabbona, Ill.; F. J. Edgar, Eldora, Ia.; Charles Deming, Poy-nette, Wis.; J. J. McKibbin, Chrisman, Ind.; "Ben" Martin, Logansport, Ind.; A. W. Miller, Fort Dodge, Ia.; Edward A. Buder, Cairo, Ill.; "Will" H. Beck, Sioux City, Ia.; H. D. Dunning, Fremont, Neb.; George P. Washburn, Chadron, Neb.; C. Christenson, Stoughton, Wis.; W. S. Sargent, New Lisbon, Wis.; W. Weld, of W. Weld & Sons, Minneapolis, Minn.; W. T. Jennings, Platteville, Wis.; E. E. Chandler, Boone, Ia.

### Erroneous Report That Ferguson & Craig had Sold Out.

CHICAGO, Ill., Sept. 12.—By a mistake, there appeared in the columns of the Chicago notes in THE CIRCULAR-WEEKLY last week a statement to the effect that Miss Ray Bowman had bought the stock formerly owned by Ferguson & Craig, Champaign, Ill., and would continue the business at the old stand.

This report, on investigation, proved to be absolutely untrue in many particulars, and did a great injustice to the jewelers mentioned, who are among the most prominent firms in their section of Illinois. Ferguson & Craig not only have not sold out, but have removed their business to larger and handsomer quarters at 5 Main St., Champaign, and have fitted the new store with new and handsome fixtures specially designed for them. The only facts which could have given rise to the report were the sale of their old fixtures to their landlord, who is said to have sold them to Miss Bowman. Miss Bowman is reported to be opening a jewelry business in the firm's old store. Ferguson & Craig state that Miss Bowman was never manager for their business, but had been employed by them in the capacity of clerk until a short time ago.

THE CIRCULAR-WEEKLY deeply regrets that through the mistake any inconvenience was caused to the parties mentioned. The facts published were received through the ordinary news channels and were not known to be erroneous until after the issue in which they were published had gone to press.

### Indianapolis.

E. S. Murphy has bought out William G. Hillock at New Castle, Ind.

Robert J. Litschert, Winchester, Ind., and George S. Drake, Pendleton, Ind., were in the city last week looking for holiday novelties.

Mr. Dickinson of the Chicago office of the Elgin National Watch Co., was in the city last week on his return from a vacation spent in the east.

Burglars recently entered the jewelry establishment of H. Allendorf, Waterloo, Ia., and secured about \$400 worth of jewelry. Bloodhounds are on the track of the thieves.



HOISTING DIAMOND BEARING EARTH.



KAFFIRS DRILLING FOR DIAMONDS



TRANSPORTING DIAMONDS.



## THE EVOLUTION OF THE DIAMOND

is shown in the Border illustration.

### A FEW FACTS ABOUT DIAMONDS

are embodied in this "Ad."

We don't cut Diamonds, but we sell them **CLOSER THAN THOSE WHO DO.** Why? Because we bought **WHEN THE MARKET WAS LOW.** **SATISFY YOURSELF ON THIS POINT** by sending us a duplicate (for goods on memorandum) of the next diamond order you send a cutter. If our prices are unsatisfactory **RETURN THE SHIPMENT AT OUR EXPENSE.**

## A. C. Becken,

103½ State St., Chicago, Ill.

WEARING DIAMONDS.



WEARING DIAMONDS.



CUTTING DIAMONDS



DISPLAY OF DIAMONDS



SELLING DIAMONDS



EDWARD W. COX.



**JOBGING STONES. LAPIDARY WORK.****DIAMONDS.****SAPPHIRES.****WE  
BUY  
AND  
SELL****PEARLS****HERMANN & CO.,**

MASONIC TEMPLE, CHICAGO.

PRECIOUS AND IMITATION STONES.

**FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.**

No. 809—131-137 Wabash Ave., Chicago.

Eastern Branch. 51 Malden Lane, New York.

**BEST PRICES PAID FOR PEARLS.****F. C. KLEIN.****EMIL KLEIN.****F. C. KLEIN & BRO.,**

126 State St.,

CHICAGO.

**Steam  
Lapidary.****DIAMOND CUTTING.**

Miniature Glasses Cut.

Importers of Precious &amp; Jobbing Stones

**A. Courvoisier & Co.**Manufacturing Jewelers  
and Diamond Setters,  
SPECIAL ORDER AND JOB WORK  
A SPECIALTY.

80 E. Madison St., Chicago.

**AUGUST RASSWEILER,****Diamond Cutting and Polishing  
and Lapidary Work,**

STONE SEAL ENGRAVING.

Importer of Precious and Jobbing Stones.

1616 MASONIC TEMPLE, CHICAGO.

Diamonds, Special Bargains on Approval. 1 Carat,  
\$50.00. Recutting. Fine Mountings. Try us  
80 Madison St., Chicago.**IF YOU send me five or more  
watches to repair at one  
time, I give 5% discount.****DEMAGNETIZING.****WILHELM K. SANDBERG,**

WATCHMAKER,

Columbus Memorial Bldg., CHICAGO.

SEND FOR PRICE-LIST.

**St. Louis.****TRADE CONDITIONS.**

The wholesale dealers report a continuance of the brisk business of last week, and say that there have been more buyers in from small towns in the surrounding territory this Fall than there have been in any Fall in previous years. They all report excellent trade conditions in their respective localities and anticipate a very big business between now and the holidays. They are getting ready for it by buying lots of goods and are ordering freely, and a better grade of goods than they have in previous years. The retail trade conditions continue to be fine with an unusually good outlook for a later trade.

Jos. Becker, of Jos. Fahys & Co., Cincinnati, was in the city last week.

John Bolland, president of the Jno. Bolland Jewelry Co., returned last week from his vacation.

Frederick H. Ingalls returned from Europe, Sept. 13, where he had been on a two months' vacation.

Geo. Hess, of Hess & Culbertson, returned last week from his vacation, which he spent in Colorado.

The A. J. Jordan Cutlery Co. has just finished enlarging its salesrooms and is carrying a big line of solid silverware.

Geo. Dueber, who has been a salesman with Herman Mauch for many years, will go next week with the Jno. Bolland Jewelry Co. in the same capacity.

L. Miller, manufacturing jeweler for Herman Mauch, who has been very ill for some time, is back at work again. He is the oldest working jeweler in the city, being 72 years old.

A. Kurtzeborn, of A. Kurtzeborn & Sons, is serving as a Grand Juror and is one of the 12 men who have issued indictments against a number of ex-councilmen for bribery which have created great excitement in this city.

All the employes of the Eisenstadt Mfg. Co., from the proprietors, Samuel and Morris Eisenstadt, down to the stenographers, wore carnations on the 14th inst., in commemoration of the anniversary of the death of President McKinley.

Louis Coleman, a jeweler doing business in this city, was arrested recently by a deputy United States Marshal charged with sending an obscene letter through the mails to his wife and is unable to give bond,

which is fixed at \$1,000. Coleman left his wife a month ago. She lives at Poplar Bluff.

The following out-of-town jewelers were in the city last week: L. B. Moore, Denison, Tex.; Joseph L. Wolff, Paducah, Ky.; Martin G. Wolff, Chester, Ill.; Thos. J. Ellis, of Thos. J. Ellis & Co., Jonesboro, Ark.; John Koetting, St. Genevieve, Mo.; J. H. Edwards, Sedan, Kan.; Christ Keyler, Nashville, Ill.

**Kansas City.****TRADE CONDITIONS.**

The weather still continues cool with occasional rains. This assures a large crop in the late garden products. Also a second large crop of hay and ample water and pasture for all stock, which was not the case last year by any means. In consequence cattle receipts in this market are very heavy, which means money for Kansas City jobbers. Retail trade still continues good, but the wholesale and manufacturing trade is exceptionally heavy. The jobbers apparently have all that they can possibly attend to.

Paul Margolis and wife have left for a three weeks' visit to the west.

J. R. Gilbert, of the Jaccard Jewelry Co., has returned from his vacation.

J. R. Mercer and wife have gone to New York for a two weeks' purchasing trip.

Henry Metzger and wife and daughter have returned from a vacation tour of the northern lakes.

N. R. Fuller and E. L. Donaldson, travelers for the Edwards & Sloane Jewelry Co., spent Sunday in Kansas City.

W. S. Easton, St. Louis, Mo., won the pewter loving cup presented by J. R. Mercer for the open tennis tournament.

The following out of town merchants visited Kansas City the past week: H. A. Tibbals, Oskaloosa, Kan.; M. B. Gordon, Braymer, Mo.; M. E. Payne, Marceline, Mo.; Frank Mitchell, Marshall, Mo.; A. J. Carruth, Herrington, Kan.; Leslie White and wife, Lee's Summit, Mo.; J. A. Zimmerman, Warrensburg, Mo.; J. L. Potts, Marceline, Mo.; J. E. Hathaway, Parkville, Mo.; E. Sutter, Plattsburg, Mo.; J. H. Whiteside, Liberty, Mo.; W. W. Whiteside, Liberty, Mo., and J. N. Rose, Stafford, Kan.

The souvenirs for the annual Priests of Pallas ball, to be held the night of Oct. 8,

**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**Order direct from us and get "HIGH  
QUALITY" at LOW PRICES. Only  
one small profit from cutter to dealer.Columbus Memorial  
Building,

103 State St., Chicago, Ill.



Trade-Mark.

Room 260

Columbus  
Memorial Building103 State Street  
Chicago, Ill.**EUROPEAN OFFICE**Dorus Van Praag  
9 Rue Milton**PARIS, FRANCE**



consists of a handsome mirror designed for the table, shelf or mantel. The glass is beveled, very heavy plate, seven inches in diameter and encased in a frame of gilded metal. The frame is oval, surmounted by the face of Pallas Athene and stamped at the bottom with the name of the Priests of Pallas, together with the date 1902. The frame measures 12 inches in height. The Rogers Silver Plate Co., Danbury, Conn., is the maker of the souvenirs.

James P. Kenmuir, watchmaker, and an old resident of this city, died recently at his home, 917 Troost Ave. A widow and three children survive him.

### Minneapolis and St. Paul.

John S. Allen, Minneapolis, is away on a hunting trip.

John Saxine, Prescott, Wis., was in the Twin Cities last week.

Albert Thronsen is now watchmaker for Munns & Pomerleau, Minneapolis.

Mr. Abrams has opened a jewelry store on Robert St., near 7th, in St. Paul.

Mr. Allen, of Evenson & Allen, Coopers-town, N. D., was married Sept. 12 in Minneapolis.

Abe Holsted, recently with Rentz Bros., Minneapolis, is now with Halder Anderson, Fessenden, N. D.

Chester C. Norris, who recently sold his jewelry business in Minneapolis, is now watchmaker for S. B. Abeles.

N. Walden, formerly with Richard B. Wegner Co., St. Paul, is now with the H. E. Murdock Jewelry Co., Minneapolis.

Fred Banfield, late with S. B. Abeles, Minneapolis, as watchmaker, has accepted a similar position with A. I. Shapira & Bro., St. Paul.

W. A. Lawhed, with J. B. Hudson, Minneapolis, has achieved the championship at golf of the Minikahda and Bryn Mawr clubs. He also made a record of 75, breaking professional records, and won three cups.

Joseph Cohen, the Minneapolis jeweler, has been brought back to Minneapolis to face three indictments—two for extorting money from abandoned women and one alleging conspiracy, all in connection with the police department scandal of Minneapolis.

He pleaded not guilty to all charges, and was released on bail of \$5,000, which was furnished by his brother, Moses Cohen, S. B. Abeles and A. Goldman.

Axel Madsen, Minneapolis, representing Sproehnle & Co., Chicago, Ill., has left on his trip for northern Minnesota and North Dakota. Mr. Madsen has just welcomed the arrival of a sister from the old country, whom he had not seen for ten years.

The Minnesota State Board of Equalization has raised the valuations of diamonds and jewelry for the year. The total valuation returned this year for the State was \$218,606, as against \$278,066. Last year Hennepin County, in which Minneapolis is situated, had \$72,963 worth of jewels and jewelry; this year it is \$97,320. But Ramsey County, in which St. Paul is located, fell from \$163,208 for last year to \$72,930 for the present year.

### Cincinnati.

Oskamp, Nolting & Co. will be in their new building next week.

Theodore Neuhaus & Co. made 50,000 stick pins for the Peters Cartridge Co. The pins are formed by mounting tiny cartridges and are being used as souvenirs by the Fall Festival.

Will Thelan, who grew up in the jewelry business with the house of Oskamp, Nolting & Co., and who has been on the road for a season or two, has opened up a jewelry store of his own at 1035 Central Ave.

A. G. Schwab & Bro. have contracted for another floor in the Johnston building, and will begin the alterations for their new addition as soon as Mr. Schwab returns from the east. This will give the firm double the space they now occupy.

One of the surprises of the month was the marriage of Harry Walton, secretary of the Wadsworth Watch Case Co., to Miss Nellie Vanwinkle of Walnut Hills. The happy pair have just returned from a wedding trip to the lakes and have begun housekeeping in Mr. Walton's home on the hill. Mr. Walton is receiving many congratulations and presents from his numerous friends in the trade.

Cincinnati is in gala attire this week and

next for the Fall Festival, which opened Monday. Flags and bunting galore drape the big buildings from basement to eaves. All the show windows are in keeping with appropriate holiday display. The jewelers are showing the most artistic exhibits they ever attempted. Some of the displays are worth taking a journey to see. It is expected there will be a large number of visiting jewelers in town during the festival season.

Wm. Owen, one of the pioneer retail

## Cash Paid for Stocks.

Send for our new  
1902-3 illustrated  
catalogue of dis-  
continued move-  
ments and cases.  
It will interest  
you. \* \* \* \* \*

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

## JOS. NOTERMAN & CO.,

Loose.

# DIAMONDS

Mounted.

509-511-513 Race St.,

CINCINNATI

- - -

OHIO.



**"THE EBONY KING."****J. B. ASH,**  
Rockford, Ill.Largest Importing Jobber in the  
United States.Prices positively the lowest.  
Send for illustrated catalogue.**Fine Fans and Jewelry.**

jewelers of Cincinnati, is moving his store to 425 Elm St. He was obliged to vacate his 4th St. store, as the building is being torn down.

H. A. Wadsworth will spend three weeks at the lakes fishing.

Alex Laschkopf, of Pensacola, Fla., has been here buying goods.

J. P. Mulally, Indianapolis, Ind., visited Cincinnati to purchase his Fall stock.

C. J. F. Bene came home sick last week and had to postpone his contemplated trip.

Among the jewelers now away from the city are Dave Gutmann, at Mt. Clemens; Sam Cahn at Mackinac; Wm. Oskamp at Oskamp Island, W. Va.

Gustave Fox & Co., through Messrs. Stukemyer & Coan, Evansville, Ind., presented an elegant charm of the Buffalo order to the most popular Buffalo at their late convention, held at Evansville. The charm was awarded by vote of the members.

An attorney from this city, employed by Cincinnati jewelry and other firms, is trying to find out if the recent frauds perpetrated here cannot be traced to "Abe" Rothschild, whose conviction of conspiracy at Carlisle, Pa., is noted in another column of this issue.

**Detroit.**

C. H. Warren & Co. have found temporary quarters on the seventh floor of the new Arcade building.

Geo. K. Savage, aged 32, a clerk in the employ of Noack & Gorenflo, last week was arrested on a charge of embezzlement.

E. A. Harrold, formerly with C. D. Peacock, diamond merchant, Chicago, Ill., has taken the place of Chas. W. Warren in the store of Wright, Kay & Co.

Capt. Chas. J. Rauch, formerly employed in Carlson's jewelry store, Lake Charles, Mich., has accepted a position as traveling salesman for L. H. Keller & Co., New York.

**San Francisco.**

The brother of Charles S. Untermeyer died last week. This necessitated Mr. Untermeyer's rapid departure from the city.

Mr. Phelps, of Phelps & Adams, 120 Sutter St., left last week for Los Angeles, Cal., on business.

Taber Bros. have completed their removal to their new location on corner of 4th and Stevenson Sts.

Moise Englemann and wife have left for the east on their honeymoon, whence they will go to Paris to reside.

Ed. Davis, foreman of the silver department of W. K. Vanderslice & Co.'s factory, is rapidly convalescing from his illness.

H. B. Overland, Fresno, and Frank E. Smith and H. Morton, San Jose, Cal., are in town.

H. C. Van Ness, wholesaler at 120 Sutter St., is in Portland, Ore., but will be back next week.

Caro W. Jacobs, of J. Jacobs, 120 Sutter St., leaves this week for a two months' trip along the Pacific coast.

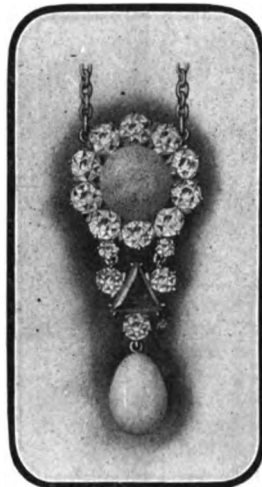
G. F. Radke, of Radke & Co., 118 Sutter St., has gone with his wife into the country for a vacation.

The Max Shirper Jewelry Co., 732-734 Market St., is going out of business. This is one of the oldest established jewelry stores in the city, having existed for 20 years. Its chief owner is Henry Myers of this city.

Shreve & Co., Post and Market Sts., had a window decorated with the six prize cups which were made by them and presented by J. M. Macdonough to the 7th annual regatta of the Pacific Inter-club Yacht Association, which was held Sept. 9. The first prize is a beautiful solid silver loving cup, with three highly polished elkhorn handles. It stands about a foot high. The smaller ones are silver and gold lined.

ESTABLISHED 1884.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.****Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.****JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.

**Hand Painted China**

is the CALL of the HOUR. We make a full line of VASES, PLATES, PUNCH BOWLS, TANKARDS, CHOCOLATE SETS, and all the styles of fancy pieces from \$1.00 to \$100.

SILVERWARE is a thing of the past—no one asks for it. CUT GLASS is all of the same appearance, no matter who makes it.

HAND-PAINTED CHINA is a class by itself, and every piece has a color and style which distinguishes it from the ordinary line of goods that is shown. Every piece is a MASTERPIECE, executed by the very best talent, both foreign and American.

Drop us a letter and we will tell you all about it.

**D'Arcy  
Art  
Studio,**Kalamazoo,  
Michigan.**American and Swiss  
Watches.****Diamonds and Precious  
Stones.****Silver Novelties.****Sterling Silverware.**

207 Sutter St., San Francisco, Cal.

**California Jew-  
elry Factory.****Quartz Jewelry.****Jewelry of Every De-  
scription.**

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Victory Button Back.

**GEBHARDT BROS.**

MAKERS OF

**DIAMOND MOUNTINGS,  
CLASS PINS and BADGES.**Victory Attachments, Jobbing a Specialty.  
Samples and New Price-List on application.**LION BLDG.,  
CINCINNATI.**



### Pacific Coast Notes.

F. W. Siefkes, San Jacinto, Cal., left, last week, for a business trip to Los Angeles.

An opal three-quarters of an inch in diameter was recently found in a section of hills near Whittier, Cal., by Capt. J. C. Farnsworth.

Charles Roberts, a jeweler in Adolph Dobrowsky's store at Redding, Cal., has returned from a month's vacation spent in Los Angeles and vicinity.

Spruce B. Bailey, jeweler and optician, 353 S. Broadway, Los Angeles, Cal., is advertising for sale his entire stock, after which he intends installing an entirely new line of goods.

One of the gangs of burglars now operating in Los Angeles, a few nights ago gained entrance to the Los Angeles Country Club house, on West Pico St., and, after ransacking the building, carried away 10 valuable trophy cups. The value of the cups cannot be estimated. Most of them are lined with silver and gold, with elkhorn legs and handles. Several of the cups were not the property of the club, but belonged to the Southern California Golf Association. At a meeting of the club directors a reward of \$50 was offered for the recovery of the property.

### Pacific Northwest.

#### TRADE CONDITIONS.

The Elks' Carnival has made things lively in Portland, Ore., the past week. Business throughout the jewelry trade has been benefited more or less by it. Some stores are crowded almost constantly with visitors, and souvenir goods of all kinds are in great demand. Dealers are feeling well satisfied with the flattering outlook for the coming Fall and holiday business, and are buying larger stocks than heretofore in order to meet all demands.

C. L. Reynolds is investigating Enterprise, Ore., with a view to opening a jewelry store there.

F. C. Brodie, Sumpter, Ore., has moved his store that his old location may give way to a new brick block.

W. C. Crocket, lately from Prince Edward's Island, has taken charge of B. W. Felder's store, Almira, Wash.

Albert Feldenheimer, Portland, Ore., has left for New York, where he will visit his brother, Louis Feldenheimer, 41 Maiden Lane.

The A. & C. Feldenheimer Co., Portland, Ore., received a special mention from the Elks' Carnival Committee for their window display.

C. Gourdon, Hamilton, Wash., has moved into a new location, and has increased his stock of goods. He has also put in a new jeweler's work table.

A substantial building, 28x30, is being erected at Cottage Grove, Ore., by Allison & Madsen, one-half of which will be occupied by H. C. Madsen's jewelry store.

Reports from Skagway, Alaska, are that a valuable find of rubies has been made on Burro Creek. An old abandoned shaft was being extended, and the rubies were found in rock rich in gold.

The hoisting machinery is in place and work will soon be commenced in the new shaft at the mines of the New Syndicate Sapphire Mining Co., near Lewiston, Mont.

Offices will be built in the vicinity of the new shaft, and the old one will be deserted. This season's work has been very satisfactory.

### Salt Lake City.

J. B. Stone and William Cummings were recently arrested in this city with a large quantity of jewelry in their possession. The police are investigating.

J. H. Leyson & Co. are looking for "C. Y. Smith," who recently secured from them \$250 worth of jewelry and tendered in payment a worthless check for that amount. Some time ago "Smith" had a leg cut off by an Oregon Short Line train and received \$5,000 from the company.

### New Orleans, La.

Coleman E. Adler has gone to New York to buy goods for the Fall trade.

The senior partner of A. B. Griswold & Co., Mr. Ginder, left for a visit to his plantation and from there will go to New York.

J. G. Weinfurter, of Weinfurter's Jewelry Palace, has just returned from a prolonged business trip to Chicago, St. Louis and Cincinnati.

Mr. and Mrs. William Frantz, accompanied by Miss Amelia Frantz and Miss Philippine Hussy, left recently for New York. On their return they will be the guests of Dr. and Mrs. Harper, of Selma, Ala.

E. C. Light, who was recently arrested by the postal authorities for carrying on a swindling business in jewelry and photographs through the mails, has had a preliminary hearing and has been bound over to await trial in default of \$1,500 bail.

D. Switzer, Bowbells, N. D., has erected a new building for his jewelry business.

## Have you placed a sample order yet for the new model 6-size FORTUNA?

If not, why not?

They sell at sight and give satisfaction to the most particular customers.



No. 800.—7 Jewels, Nickel Damasked, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.



## American Clocks

IN IRON, BRONZE, GILT,  
WOOD, ETC.

**F. KROEBER & CO.,**

14 Maiden Lane,  
NEW YORK.



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Keller Jewelry Mfg. Co.	40	Wood & Hughes	99
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## Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, i.e. a word each insertion; minimum charge, 25c.

Heavy type, double regular rates.

Display cards on this page, \$2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

WATCHMAKER, expert on fine work, wants position south for three months. Jenkins, care Jewelers' Circular-Weekly.

YOUNG LADY, double entry bookkeeper, seven years' experience, desires position; good reference. Address "Bookkeeper," care Jewelers' Circular-Weekly.

YOUNG MAN (21) desires situation with manufacturer or jobber of jewelry or silverware to handle entirely or as a side line. "M. L.," care Jewelers' Circular-Weekly.

FOREMAN and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

WATCHMAKER AND CLOCK repairer, single man; 12 years' experience; no engraver; moderate salary; Pennsylvania or Ohio preferred. Address E. Scherer, Greenville, O.

YOUNG MAN, at present employed as city salesman, desires to make a change and represent a manufacturer; commission or salary. "Hustler 75," care Jewelers' Circular-Weekly.

JEWELER AND GOLDSMITH, German, thorough and reliable in all work, particularly jewelry, seeks steady position. Address R. Daberpotz, 42 Mercer St., Newark, N. J.

I AM a practical watchmaker, optician and fair engraver; with 15 years' experience; do good work; fine tools; have been head watchmaker. Address "40," care Jewelers' Circular-Weekly.

WANTED, POSITION as stenographer or office assistant in manufacturing or wholesale jewelry house. Address Miss F. G., care Jewelers' Circular-Weekly.

A YOUNG MAN with fine tools, who is a good clock repairer and salesman, and who can also do all ordinary watch work, desires a position at once. Address "A. S.," care Jewelers' Circular-Weekly.

YOUNG ENGRAVER, plain lettering and monogram workman; four years' experience on all kinds of clock work; will go to work at once; references. Address "W. B.," care Jewelers' Circular-Weekly.

SITUATION WANTED by first class jeweler on repairing and new work, diamond setting, plain engraving and watch work; 25 years' experience in jewelry manufacturing. Apply to J. Huber, 208 East Main St., Danville, Ill.

WANTED POSITION as foreman or manager; silver novelty manufacturing concern preferred, by a man 30 years old, who has had four years' experience in one of the most successful silver novelty firms in this country. "Success," care Jewelers' Circular-Weekly.

WATCHMAKER, JEWELER, graduate optician, salesman, with 14 years' experience, age 26, American, married, having complete set of tools and trial case, is open for position with good house; salary, \$18 per week; contract, one to five years. Address Lock Box 127, Viola, Wis.

WANTED, POSITION: a first class watchmaker with many years of experience in fine and complicated watches, watch adjusting and rating, wants a position by October next; only first class houses, where good and fine work is wanted, answer; no cheap houses. Address A. W., care Jewelers' Circular-Weekly.

NO JEWELER, engraver or optician, but an Al watchmaker; 25 years' practical experience at the bench; capable of taking in and delivering; high grade imported and American railroad work a specialty for the past 10 years; satisfaction guaranteed; desires permanent position. "Chronometer," care T. J. McIntire, New Ross, Ind.



**SITUATIONS WANTED—Continued.**

GERMAN-AMERICAN, with knowledge of German, English and Spanish, thoroughly experienced in jewelry business, desires position as salesman, stock clerk or office assistant, etc.; can furnish best of city references and bond if necessary. Address Paul Krolk, care Ingomar Goldsmith & Co., 80 Maiden Lane, New York.

THE ADVERTISER, who has had extended practical experience in the designing and production of sterling silver, electro-plate and allied wares, seeks engagement as manager or in other responsible executive position with a progressive house. Address "X 93," care Jewelers' Circular-Weekly.

**Help Wanted.**

WANTED, a watch dial maker. Address "Manufacturer," Box 345, Woodville, Ohio.

WANTED, one or two first class diamond setters. Apply to L. Heller & Son, 51 Maiden Lane, N. Y.

WANTED, man with experience in watch material line; address L. H. K., care Jewelers' Circular-Weekly.

WANTED, double entry bookkeeper; kindly state salary, experience and references. G. K., care Jewelers' Circular-Weekly.

ENGRAVER, steady position for first class letter engraver; references required. Lambert Bros., Third Ave. and 58th St., New York.

WANTED, GOOD WATCHMAKER, jeweler and fair engraver; steady position; salary, \$15. "L. R. G.," care Jewelers' Circular-Weekly.

WATCHMAKER, who can do good engraving; state age, experience and send sample of engraving. Address E. G. Hoover, Harrisburgh, Pa.

FIRST CLASS jeweler and engraver; prominent position to the right party; fine, large shop; good light and air. Wm. Schweigert & Co., Augusta, Ga.

GOOD WATCHMAKER, well appearing, must be salesman, for Brooklyn; steady position at \$15 weekly; send references. "C. A.," care Jewelers' Circular-Weekly.

WANTED, man that can do jewelry, clock and plain watch repairing; also wait on trade; western Massachusetts. Address "H. R. L. 25," care Jewelers' Circular-Weekly.

WANTED, a good engraver, one who can help out on jewelry jobbing preferred; send samples and reference in first letter and state salary expected. C. Lumsden & Son, Richmond, Va.

A WELL-KNOWN New York jobber of watches and jewelry desires, Jan. 1, 1908, an outside traveler with established trade; state territory, experience, etc. L. T., care Jewelers' Circular-Weekly.

WANTED, two first class retail jewelry salesmen; must be up-to-date, willing to work, and money getters. Write, with full information, salary required and references, to Chas. Ettinger, Cleveland, O.

WANTED, TRAVELING MEN who call on jewelers and opticians, to handle a side line of Shur-On mountings; liberal commission to the right men. Address E. Kirstein's Sons Co., Rochester, N. Y.

WANTED, BY OCT. 1, first class engraver, jeweler and stone setter; salary, \$22 per week and permanent position; sample of engraving and reference with first letter. Address W. F. Fischer & Bro., Chattanooga, Tenn.

WANTED, traveling men calling on the jewelry and department store trade to carry our specialty, fountain pens, as side line, on commission; liberal contract. Colonial Fountain Pen Co., 85 Hartford St., Boston, Mass.

WANTED, WATCHMAKER, clock and jewelry repairer, good all-around man, neat, steady and strictly temperate; permanent position with \$15 per week to right man; first class store in Northern New York; send photo and references. Address "D. J.," care Jewelers' Circular-Weekly.

WANTED, well recommended young stock clerk and inside salesperson, male or female, who has had experience in wholesale jewelry business; advancement every six months. R. L. & M. Friedlander, 80 Maiden Lane, New York.

WANTED, good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19," care Jewelers' Circular-Weekly.

WANTED—By a prominent jobber in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1908. Box 91, care Jewelers' Circular-Weekly.

WANTED, an experienced man about 35 to 40 years of age, to take full charge of a first class diamond mounting shop; none but a man capable need answer; give past experience in confidence; position now or on Jan. 1, 1908, and in New York City. Address "Foreman 43," care Jewelers' Circular-Weekly.

WANTED, an experienced man in jewelry store in Pittsburgh, Pa.; a good opportunity for the right man; we want a good all round man, one capable of selling diamonds, watches, silverware and art goods; a man of good address with some experience in trimming windows and decorating store. Apply "H. 218," care Jewelers' Circular-Weekly.

TAKE NOTICE some of you good workmen: we want two good men, one as watchmaker and engraver, one as manufacturing jeweler; don't stick to New York or some big city at a small salary; we will pay you more and a better job; what we want are artists in their line. Hart & Parker, 208 Texas St., Shreveport, La.

WANTED.—A first class jewelry salesman by a large retail Chicago house; must be able to furnish unquestionable references and be thoroughly experienced in selling diamonds, watches and fine jewelry; state age, experience, references and salary willing to accept to start; a good opportunity for the right man. "L. B.," care Jewelers' Circular-Weekly.

**Business Opportunities.**

MUST SELL, at once, good paying jewelry store; rent cheap; work, \$160 month; must go on road soon. "Jeweler," 103 1/2 South Te Jon St., Colorado Springs, Col.

JEWELRY STOCK and fixtures in western Kentucky; population, 15,000; watch inspector for two roads; stock and fixtures up-to-date. Write 509 West Market St., Louisville, Ky.

ONLY JEWELRY STORE in town of 1,200 inhabitants; stock will invoice about \$1,200; good bench trade; can rent flat over store. Call or address Geo. Van Arsdalen, Jamesburg, N. J.

WISHING to retire from the jewelry business, established 1860, we offer our entire stock of fixtures and good will for sale cheap; excellent opportunity for young man. Smith & Dreer, 938 Arch St., Philadelphia, Pa.

FOR SALE, the oldest and best established jewelry and optical business in Williamsport, Pa.; fixtures, \$1,200; stock, \$5,500; can reduce it one-half; occupies the best business corner in the city. Mussina & Co., Williamsport, Pa.

WE BUY ENTIRE STOCKS of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

JEWELRY AND OPTICAL business, established 18 years; largest town in central Georgia; best location in city; stock and fixtures invoice about \$15,000; nice clean stock; fixtures partly new; all as good as new; store room lately remodelled for jewelry store; good line of bench work, watch work alone averaging over \$185 per month; cause for selling, death of proprietor. Address Mrs. Nellie B. Beeland (Administratrix), Macon, Ga.

**For Sale.**

FOR SALE, hydraulic press; capacity, 125 tons; first class condition; price, \$125. Charles Weller & Co., 34 E. 29th St., New York City.

FOR SALE—SIGNS. Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

PART OF OFFICE or desk room to let. Three Maiden Lane, Room 52.

PART OF OFFICE to let, suitable for diamond dealer, watchmaker or engraver. Room 106, Anderson Bldg., 12-16 John St., New York.

**Miscellaneous.**

CANADIAN TRAVELER wishes to make connection with reliable manufacturers desirous of entering or increasing Canadian business; Canada is booming. A. Alexander, 77 W. 45th St., New York.

**High Class Business For Sale.**

Manufacturing, Retail Jewelry and Importing.

One of the oldest established and leading houses in New England. 70 years uninterrupted success. Large store, prominent location. Steady established trade. Reputation extending over the entire country. Large Mail Order business. Merchandise on hand represents recent products of the leading and best American and European manufacturers. NO OLD STOCK. Fixtures, machinery, equipment, all modern, up-to-date. Business perfectly organized and in active successful running order.

Present active manager, 38 years continuous work, wishes to retire. Will negotiate with reliable party for controlling interest, acceptable partnership or entire business. Rare and exceptional opportunity for young man with capital to acquire an established, attractive, refined and profitable business in a beautiful city, charming surroundings.

No speculation, no uncertainty. Close attention and business methods. Success assured.

Principals only. Address "Established Business," care Sloan & Company, 21 Maiden Lane, New York City.

THE 1902-3 EDITION OF

The Jewelers' Circular-Weekly

**Vest Pocket Directory**

of the Jobbers and Manufacturers in the Jewelry and Kindred Trades.

A HANDY, CLASSIFIED LIST FOR BUYERS.

Price 50 Cents.

The Jewelers' Circular Publishing Co., 11 John Street, New York.



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*Articles*  
*and*  
*Traveling*  
*Sets*

"Don't get squeezed into paying several profits"  
 you can have  
 Importers  
 Prices

*Leys Christie & Co.*  
 MANUFACTURERS



of Brooches, Links,  
 Scarf Pins and Lockets.

We cordially solicit a personal visit.

**65 Nassau St.,  
 New York.**

TRADE MARK.

**100,000** American Watches have  
**ABBOTT'S PATENT**  
**STEM-WINDING ATTACHMENT**

A few more **KEY-WINDERS** are  
 still in use. Send them to us for  
 alteration and **MAKE A FEW**  
**DOLLARS FOR YOURSELF.**

**HENRY ABBOTT, 9 Maiden Lane, New York.**

**PEARLS BOUGHT FOR CASH.**

If a customer should bring you any Diamond or  
 Pearl Jewelry to sell, and you do not care to buy it  
 yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
 NO. 3 MAIDEN LANE, NEW YORK,  
 where you can have an immediate Cash Offer.  
 Established 1880.

**OUR SCHOOL**

For WATCHMAKER, JEWELER and  
 ENGRAVER is second to none. :: ::  
 Refers to two thousand pupils.  
**G. D. PARSONS & SON, Baltimore, Md.**  
 Baltimore and Charles Sts.

## Pittsburgh.

C. H. Jaquette, a Scotdale jeweler, vis-  
 ited the trade in this city last week.

J. Alex Hardy, of Hardy & Hayes, left  
 for the east on Saturday night, for a 10  
 days' business trip.

William Hofman, of Heeren Bros. &  
 Co., with his wife, returned from a trip to  
 Atlantic City and Philadelphia, last week.

William Heeren, of Heeren Bros. & Co.,  
 and his wife, have returned from a vacation  
 spent at Atlantic City, New York and  
 Philadelphia.

L. W. Vilsack, of L. W. Vilsack & Co.,  
 is again at his place of business, after hav-  
 ing been confined to his home for about  
 three weeks. He was threatened with ap-  
 pendicitis.

The Penn building, purchased a few  
 months ago by J. Alexander Hardy, of the  
 firm of Hardy & Hayes, is having the fin-  
 ishing touches put to a lot of improvements  
 that will add greatly to its convenience and  
 renting value.

Walter Williams, bookkeeper for Mrs.  
 E. P. Roberts & Sons, is spending a vaca-  
 tion at Philadelphia. S. F. Roberts, man-  
 ager for Mrs. E. P. Roberts & Sons, re-  
 turned this week from a trip along the  
 New England coast.

Heeren Bros. & Co.'s exhibit at the  
 Pittsburgh Exposition, which opened on  
 Sept. 3, is attracting lots of attention, ow-  
 ing to the brilliancy of the display. The  
 principal pieces displayed are art goods and  
 bronze statuary with electric light effects;  
 the whole being artistically arranged at  
 night is one of the prettiest exhibits at the  
 exposition.

Thomas Roberts, charged with entering  
 a building with intent to commit a felony,  
 pleaded guilty, this week, before Judge F.  
 H. Collier, sitting in Criminal Court, and  
 was sentenced to one year's imprisonment.  
 The charge was made by Heeren Bros.  
 & Co., in an information before Magis-  
 trate Bernard McKenna, who held the  
 prisoner for court. It was alleged that  
 Roberts on the night of May 10 broke the  
 plate glass window of their store. Noth-  
 ing was taken and Roberts was later ar-  
 rested near the scene of the window break-

ing. The night watchman at Heeren's,  
 Harry Heeren, and Inspector of Police  
 Fred Will, were the principal witnesses  
 against Roberts.

## Alabama.

### TRADE CONDITIONS.

As an indication of the good business conditions  
 in Birmingham, it is given out that at the meet-  
 ing of the stockholders of the First National Bank,  
 last week, to increase the capital stock from  
 \$250,000 to \$300,000, the new issue was largely  
 oversubscribed. The division had to be made by a  
 committee of the Board of Directors. The new  
 stock was sold at 250, leaving \$75,000 to go to  
 the surplus fund. The bank has arranged to  
 build a new banking house at a cost of \$500,000.

T. B. Dilworth, City Clerk and jeweler,  
 Jasper, has returned from a trip to old  
 territory in Mississippi.

Richard Heine, Talladega, has been ap-  
 pointed a member of the Market Commit-  
 tee of the Board of Aldermen, of which  
 he is a member.

L. Hammill & Co.'s department stores,  
 Mobile, will soon have in a stock of jew-  
 elry, including a full line of silverware.  
 The firm will devote a large space to the  
 new department.

A pretty exhibit in the window of the  
 Maxwell-Raiford Jewelry Co., Tuskaloosa,  
 a few days ago, was a collection of prizes  
 given to the members of the trainmen and  
 firemen at their picnic.

Hardwick Ruth, of Chas. L. Ruth &  
 Son, has decided on a new home, which  
 he will build in Montgomery. He trav-  
 eled all over Europe recently and from all  
 the houses seen adopted a Swiss chalet.

There will be several changes in busi-  
 ness places in Birmingham on Oct. 1, but  
 so far as heard from only one big jewelry  
 store will seek a new location. Joseph  
 Lowinsohn will move to Second Ave. F. W.  
 Bromberg will be provided, it is thought,  
 with a handsome store in the new First  
 National Bank building.

The Miller Jewelry Co., Cincinnati, O.,  
 who made such a record last year with  
 pearl pendants, has added 25 new patterns  
 this year and is getting into shape to make  
 the holiday season a record breaker on  
 pearl goods.



**NEW PHOTO  
 SOUVENIR**

**Match Safe.**

A NOVELTY.  
 A GREAT SELLER.

Pat. April 15, 1902.  
 Cut  $\frac{3}{4}$  actual size.

A BUTTON miniature  
 photo of any grade  
 can be placed in and  
 removed as desired by the  
 purchaser. Made in sterling  
 silver and sold as cheaply as  
 any other sterling match safe.

The design and workman-  
 ship are up-to-date and pre-  
 sent a very rich and elegant  
 appearance. Price, \$21 a  
 dozen. Sample by mail, \$1.75.  
 Made in French Gray, Satin  
 and Polished.

**S. BIREN,**

**46-50 Maiden Lane, New York.**



SET RINGS.

**Hand Carved Ring Mountings**

IN 10 K. AND 14 K. GOLD.

DIAMOND JEWELRY.

**KLEIN BROS.,**

**9-11-13 MAIDEN LANE,**

**NEW YORK.**





# A Few Points of Excellence

in Harrison's Umbrellas, which have been gained by over 25 years of careful study of all the details so essential in making an umbrella adapted to the wants of the Jewelry trade, are:

**Exclusive Designs in Handles.**

**Quality and Durability of Silks.**

**Perfection of Finish and Stability of Handles.**

**Only Best Tempered English Frames Used.**

**Compactness in Roll of Umbrella.**

**Beauty and Strength of Construction.**

**HOLIDAY LINE COMPLETE, LARGEST AND FINEST EVER PRODUCED.**

*Harrison's line of Gold Head Ebony Walking Sticks have stood the test for more than a quarter of a century. They comprise all the Standard Shapes and are made of twenty-year 14k. Filled Gold, twenty-year 14k. Filled Gold with 14k. Solid Gold tops, ends and name plates. Also entire heads of 14k. Solid Gold.*



## W. W. HARRISON,

Manufacturer of Umbrellas and Walking Sticks for the Jewelry Trade,

**405 Broadway, New York.**

**HARRISON is the only Umbrella and Walking Stick Manufacturer in the United States not selling to the Dry Goods and Department Stores.**



No. 7141A. Rose Bush; trimmed with Lilacs and American Beauties. Each, \$2.50.



7746. Palm Plant.

No.	Inches high.	Leaves.	Each.	Doz.	100.
7743 1/2	24	3	\$0.17	\$1.20	\$9.60
7745 1/2	38	4	.36	3.00	24.00
7746	42	6	.45	4.80	36.00
7211A	48	10	1.20	12.00	72.00

Palm Trees, Potted.

No.	Feet.	Leaves.	Each.	Doz.
7209	12	24	\$5.20	\$18.00
7208	10	16	3.80	40.00
7206	7	9	3.00	30.00



No. 7143—ROSE BUSH AND AMERICAN BEAUTY ROSES. Colors, White, Red, Tea, Cream, Yellow.

7143—24 in. high, ea. \$1.25  
7143A—30 in. high, ea. 1.75  
7143B—36 in. high, ea. 3.00



No. 1150—FERN FILLINGS (6 in. diameter.)  
1150—4 in. diam., ea. \$.50  
1150—5 in. diam., ea. 1.00  
1150—6 in. diam., ea. 1.25  
1150—7 in. diam., ea. 1.50  
1150—8 in. diam., ea. 1.75

How does a fern dish of heavy silver look in your window without trimming? And what a big display can you make in getting in one of our fern fillings, which are far superior to the natural plants, as my goods are the best copy true to nature and will sell the plant and your dish on sight. Do not miss the opportunity to get a seven or eight inch filling dish with your order. Try them before the holidays so you will be ready for a duplicate order for the holidays.



Miniature Flower Pot shown in the above picture is a real 1-inch clay pot trimmed with a little rose and an attractive novelty to make a whole city crazy, as children are getting wild and old folks enjoy them. They come 25 in a box for \$1.50 or 100 for \$4.80. Besides they may be used for any festivity and can be supplied for gold or silver celebration in gold or silver material. Are you the first to bring this novelty in the market? Don't delay but send your order.



No. 7042.

QUEEN CHRYSANTHEMUM in mache pot, 30 in. high, white, pink, yellow, red or purple, each \$2.00  
7042A—28 in. high, smaller flower, ea. 1.25



1280—HOLLY. Doz. Yards.  
1280—Holly, Vines and Berries \$1.50  
1280A— " " 1.15  
HOLLY WREATHS.  
12—14 in. diameter, plain \$.50  
12—14 in. " with mistletoe 1.25  
1114C—Holly Basket 1.50

### FRANK NETSCHERT,

34 Barclay St., New York.  
167 S. Clark St., Chicago.



No. 7027A—BEGONIA PLANT.  
7027A—6 leaves ..... each, \$.90  
7028A—6 muslin leaves. .... " \$.50  
7029A—6 velvet leaves. .... " 1.00  
7030B—8 in. velvet lvs. .... " 1.00  
7030A—6 in. velvet lvs. .... " .50



## The Latest Patents.

ISSUE OF SEPT. 9, 1902.

**708,572. FOUNTAIN-PEN.** CARL F. MILLER, Janesville, Wis. Filed May 18, 1901. Serial No. 59,956. (No model.)

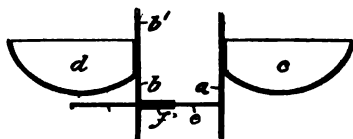
In a fountain-pen, a reservoir having a nipple, a cap threaded on the nipple, a pen and feeder in the opposite end of the reservoir and a stem connected to the feeder in combination with a valve-casing on the opposite end of the stem, a piston having a hole in its end formed with the valve-casing, ports through the wall of the valve-casing leading into the reservoir, a valve for controlling the hole in the piston and the ports, a spring in the valve-casing for retaining the valve normally seated and a buffer-screw depending into the reservoir for regulating the draw of the piston.

**708,610. FASTENING DEVICE FOR PINS.** JOHN ZELLY, Eaton, O. Filed Oct. 5, 1901. Serial No. 77,732. (No model.)



In a breastpin or the like, the combination with a base-plate, of opposite slotted posts having their slots in mutual alignment, the back of one of the posts having a socket formed therein and communicating with the adjacent edge of the slot thereof, a headed pin thrust through the socket into the slot and having its head loosely received within the socket, the opposite free end of the pin being adapted to be seated in the slot of the other post, and pivotal keepers embracing the respective posts and constructed to prevent accidental displacement of the adjacent ends of the pin.

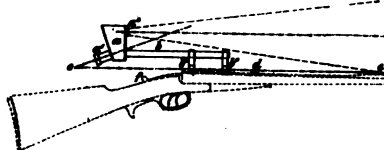
**708,650. ASH-TRAY.** PAUL KULICKE, Buckow,



Germany. Filed April 17, 1902. Serial No. 108,468. (No model.)

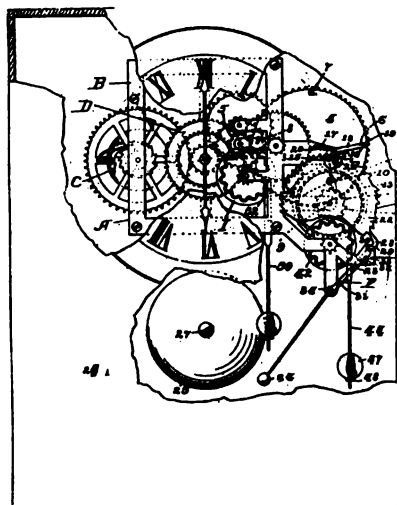
An ash-tray having an adjustable cigar-support and consisting of two vertical plates forming stands and supports an adjustable connection between said plates and trays secured thereto so as to extend at opposite sides therefrom.

**708,720. PRISMATIC SIGHTING-TELESCOPE.** ALBERT KONIG, Jena, Germany, assignor to Firm Carl Zeiss, Jena, Germany. Filed Nov 14, 1901. Serial No. 82,328. (No model.)



A prismatic sighting-telescope for rifles and other small arms having the eyepiece-axis and the object-glass axis in such a way inclined to each other, that they are more distant from each other behind the eyepiece than before the object-glass.

**708,769. CLOCK-STRIKING MECHANISM.** FRANCIS W. INDEN, St. Paul, Minn. Filed March 80, 1900. Serial No. 10,724. (No model.)



The combination of a 24-hour gear meshing with a time mechanism and carrying tapering trips, of a

switch in the path of said trips having a stop-jaw, a stop adapted to impinge against said jaw, a toothed disk, a drive-spring; said stop, disk and spring connected to a shaft, a pivoted hammer having an arm impinging against said teeth, and a bell adjoining said hammer.

**708,806. KNIFE AND FORK.** GIOVANNI GARDA, Turin, Italy. Filed June 13, 1902. Serial No. 111,488. (No model.)



In an implement for the purpose specified, the combination with the hollow handle, of a plurality of blades pivoted therein on a pivotal axis in common, the hinged locking-band adapted to fold transversely across the blades near their hinging-points, and means for securing said band in its locking position.

**708,831. GUARD FOR OPTICAL INSTRUMENTS.** PHILIP S. REID, Rosedale, N. J. Filed March 16, 1901. Serial No. 51,466. (No model.)



In an ophthalmoscope, a frame having an operative portion, a guard of non-corrosive material lying against the outer face of said portion and having a portion embracing the edge of the upper part thereof, means for securing the guard to said portion and an arm secured on the rear face of the upper portion by the same means that retains the guard in position.

**708,840. PROCESS OF RENDERING ALUMINUM CAPABLE OF BEING WELDED OR SOLDERED.** CHRISTEN P. SORESEN, Copenhagen, Denmark. Filed Sept. 24, 1901. Serial No. 76,432. (No specimens.)

A process for rendering aluminum capable of being soldered, which consists in first heating the metal to about 300° centigrade, then subjecting it to the action of concentrated soda-lye, and finally rinsing with cold water.

**708,886. SELF-WINDING CLOCK.** CHARLES HOUR, Paris, France. Filed Dec. 17, 1901. Serial No. 86,285. (No model.)

In a mechanism for rewinding a motor-spring, the combination of reservoir-receptacles, extensible corrugated receptacles in communication with said reservoir-receptacles, a cross-head actuated by the

# "The Dover Improved"

PIN TONGUE  
AND JOINT.



Patent Allowed.



You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

**SPECIAL**—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

**SAMPLES SENT FREE TO ANY ADDRESS IN THE WORLD.**

## GEORGE W. DOVER CO.,

80 Clifford St., Providence, R. I.

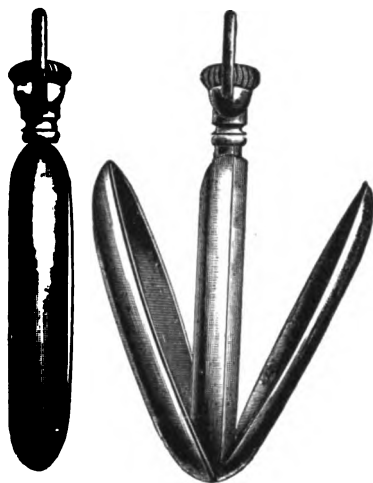
The Largest Makers of Metal Ornaments, Jewel Settings and Jewelry Components in the World.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.



**MOST COMPACT**AND THINNEST  
DUST-PROOF

HUNTING and OPEN FACE

**GOLD CASE**MADE IN THE WORLD  
FOR  
AMERICAN MOVEMENTS.Made in all shapes, engine turned,  
engraved or plain.

Colby Patent, April 24, 1894.

**DUBOIS WATCH CASE CO.,**

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**HIGHEST PRICES**

PAID FOR

**American Pearls****MAURICE BROWER,**

12-16 John St., New York.

**Latest and Novelest Productions**WE ARE WITHOUT  
COMPETITION IN  
OUR LINE. . . . .Designers and Manufacturers  
of the Latest Produc-  
tions in**Umbrellas**of Beauty and Durability.  
Made especially for the jewelry trade.We have just completed our New Illus-  
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A REQUEST WILL BRING IT.  
"GET IT!"**THE NATIONAL  
UMBRELLA CO.,**CLEVELAND, OHIO, - - U. S. A.  
Factory and Salesrooms, - CLEVELAND, O.Western Salesrooms,  
119 DEARBORN ST., CHICAGO, ILL.**CORAL.**We are headquarters for CORAL CHAINS and  
CORAL BEADS of every description. Rare  
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Choice specimens of

**WHITE CORAL**

in GRADUATED NECKLACES.

**IMITATION PEARLS**

from the better low grades to the finest.

We fill special orders for collars and chains of coral and pearls.

Also a unique line of

**Gun Metal Jewelry and Novelties,**

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**D. LISNER,**

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**WE** will be  
ready for  
business just  
as soon as we  
get straight-  
ened out in  
our new  
quarters. . .

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Ring Builders for Men,

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**SIGNET** RINGS,  
BROOCHES,  
FOBS,  
BRACELETS.



Reg. \$12.00 per doz.

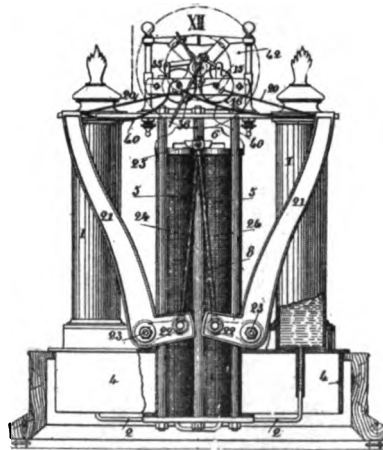
*We are  
originators  
of designs.*

Our stock of **SIGNET GOODS** is the  
most complete. Selection packages  
to jewelers of mercantile standing.

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37-39 Maiden Lane.  
N.Y.

Factory, 52 Maldon Lane, New York.  
Chicago, Ill., 1629 Masonic Temple. (L. KATLINSKY.)

extension movement of said extensible receptacles,  
levers connected to said cross-head, and spring



arbors having flexible connections with said levers.  
DESIGN 36,042. BADGE. JOSEPH T. BAILEY,  
Philadelphia, Pa. Filed Aug. 16, 1902. Se-



rial No. 119,971. Term of patent 14 years.  
DESIGN 36,043. HANDLE FOR BUTTON-  
HOOKS AND SIMILAR ARTICLES. SID-



NEY A. KELLER, New York, N. Y. Filed  
Aug. 12, 1902. Serial No. 119,459. Term of  
patent 7 years.

DESIGN 36,044. SHIELD. SIDNEY A. KELLER,



New York, N. Y. Filed Aug. 12, 1902. Se-  
rial No. 119,460. Term of patent 7 years.

DESIGN 36,045. SHIELD. SIDNEY A. KELLER,  
New York, N. Y. Filed Aug. 12, 1902. Se-



rial No. 119,461. Term of patent 7 years.  
TRADE-MARK 38,872. STYLOGRAPHIC AND

**INDISPENSABLE TO THE RETAIL JEWELER.**



**Wells' Perfect Self-Conforming Ring Ad-**  
juster. It can be fitted by a jeweler in 5  
minutes. Ask your jobber for it, or I  
will send prepaid at once (only on re-  
ceipt of price) 1 doz. asst. sizes, solid 10  
K. gold, \$3.75, or 1/2 doz. asst., \$2.00; 1  
doz. metal asst., 85c. For samples a  
medium large size gold and large size  
metal for 50c. Address **CHESTER H.**  
Pat. U.S. & Can. **WELLS, Jeweler, Mecklenburg, Pa.**

FOUNTAIN PENS. J. ULLRICH & Co., New  
York, N. Y. Filed Aug. 7, 1902.

## KOMPETEER

The word "KOMPETEER." Used since July 31,  
1902.

TRADE-MARK 38,873. GAGE-GLASSES. JOHN E.  
LONERGAN, Philadelphia, Pa. Filed July 17,  
1902.

## THISTLE

The word "THISTLE." Used since January, 1897.  
TRADE-MARK 38,874. OPTICAL LENSES. THEO-  
DOR MUNDORFF, New York, N. Y. Filed  
July 29, 1902.

## Neeranfar

The word "NEERANFAR." Used since April 1,  
1902.

### EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIR-  
CULAR-WEEKLY by R. W. Bishop, Patent Attorney,  
Washington, D. C., who will furnish complete  
copies of patents at the rate of 10 cents each.]

Issued Sept. 8, 1885.

325,663. FOUNTAIN-PEN. L. W. FAIRCHILD,  
New York, N. Y.

325,740. SUSPENDERS. A. M. FREEMAN and  
J. B. OVERMEYER, Chicago, Ill.

325,807. PURSE. G. B. ADAMS, Newark, N. J.,  
assignor of one-half to Charles Campbell,  
same place.

325,853. BOUQUET-FASTENING. MARGARET  
MILNE, Brooklyn, N. Y.

325,854. REPEATING WATCH. CHARLES MOR-  
LET and EUGENE DUPUIS, New York, N. Y.

325,866. GLASS CASE FOR CLOCKS. J. G.  
SCHULTEIS, San Francisco, Cal.

325,896. CIGAR-TIP CUTTER. C. S. ALDEN,  
Rochester, N. Y.

325,912. BUTTON. L. P. CONARD, London, Eng-  
land, assignor of one-half to C. F. Veit and  
George Dickman, same place.

325,921. PENHOLDER. R. C. FAY, Jersey City,  
N. J.

325,959. LEAD AND CRAYON HOLDER. O.  
A. MOSES, New York, N. Y.

325,973. MAINSPRING WINDER. A. F. ROS-  
BINS, Orange, Mass.

325,978. BAG. MORRIS SCHWERNIN, Newark, N. J.

325,992. COMBINATION RULER AND  
PAPER-CUTTER. R. S. THAIN, Oak Park,  
Ill.

326,044. INKSTAND. T. J. LITTLE, Philadel-  
phia, Pa.

326,065. SPECTACLE-CASE. G. H. STRICKER,  
Buffalo, N. Y.

326,080. BUTTON. G. W. CAVELLE, Cleveland,  
Ohio.

Designs issued Sept. 4, 1888, for 14 years.

18,583. PINCUSHION. G. F. ATKINSON, San  
Francisco, Cal.

18,585. TORCH-LAMP. OLIVER CARMELIA, Ot-  
tawa, Ill.

Designs issued Sept. 10, 1895, for 7 years.

24,659. SPOON. C. A. GOODING, Brookline, Mass.

24,661. RAZOR-HANDLE. C. H. THURBER, East  
Orange, N. J., assignor to the Wiebusch &  
Hilger, Ltd., New York, N. Y.

Designs issued March 7, 1899, for 3 1/2 years.

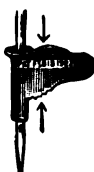
30,303. BADGE. A. E. SIPE, Buffalo, N. Y.

30,305. STICK-PIN. A. A. McRAE, Attleboro,  
Mass., assignor to McRae & Keeler, same  
place.

## THE WASHBURN

MAGIC NUT FOR EARTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

TO  
ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



TO  
REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

**SECURITY** FOR SCARF PINS, ETC.  
HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.

PLATED, \$1.75 DOZEN.

14K. \$1.25 EACH.

SAMPLE BY MAIL, 25C.

C. IRVING WASHBURN, SOLE MANUFACTURER

12-16 JOHN STREET, NEW YORK.



# Cuts Fine Dies in $\frac{1}{3}$ the Time.

Mechanical Die Cutting Machine  
for Manufacturing Jewelers,  
Silversmiths and Die Cutters.  
**NEEDS NO EXPERIENCE.**

It cuts the die in perfect detail with  
results far superior to hand work.  
Fine dies are cut in one-third the  
time and at one-third the cost.



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**CROSELMIRE & ACKOR,**  
**PLATINUM**

IN SHEET OR WIRE FOR ALL PURPOSES.

Platinum Scrap Bought. Special Attention to Jewelers  
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**THE CROWN PATENT SAFETY GUARD.**



For Scarf Pins, Studs and Lace  
Pins. The most practical and only adjustable one  
invented. Price \$1.50 per doz. For sale by all  
wholesale jewelers and material houses. Sample by  
mail, 25c.; in 10k. gold, 75c.; 14k., 90c. M. CROHN,  
Maker and Inventor, 45 and 50 Maiden Lane, N. Y.



**GEO. KEPPLER,**  
**ORIGINAL DESIGNS**

For Gold and Diamond Jewelry, Sil-  
verware, Novelties and all Kindred  
Branches. Wax Models and Samples.  
Casting, Chasing and Hand Carving  
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**Charles M. Prior,**  
**DESIGNER.**

Original Designs for Sterling Silver.  
Fine Etching.

683 Madison Ave., New York



**KETCHAM & McDOUGALL,**

Manufacturers,

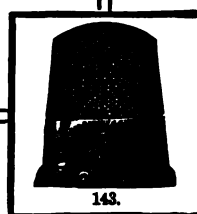
**Gold and Silver Thimbles,**

**AUTOMATIC EYE-GLASS HOLDERS,**

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Send for  
Catalogue.

Established  
1832.



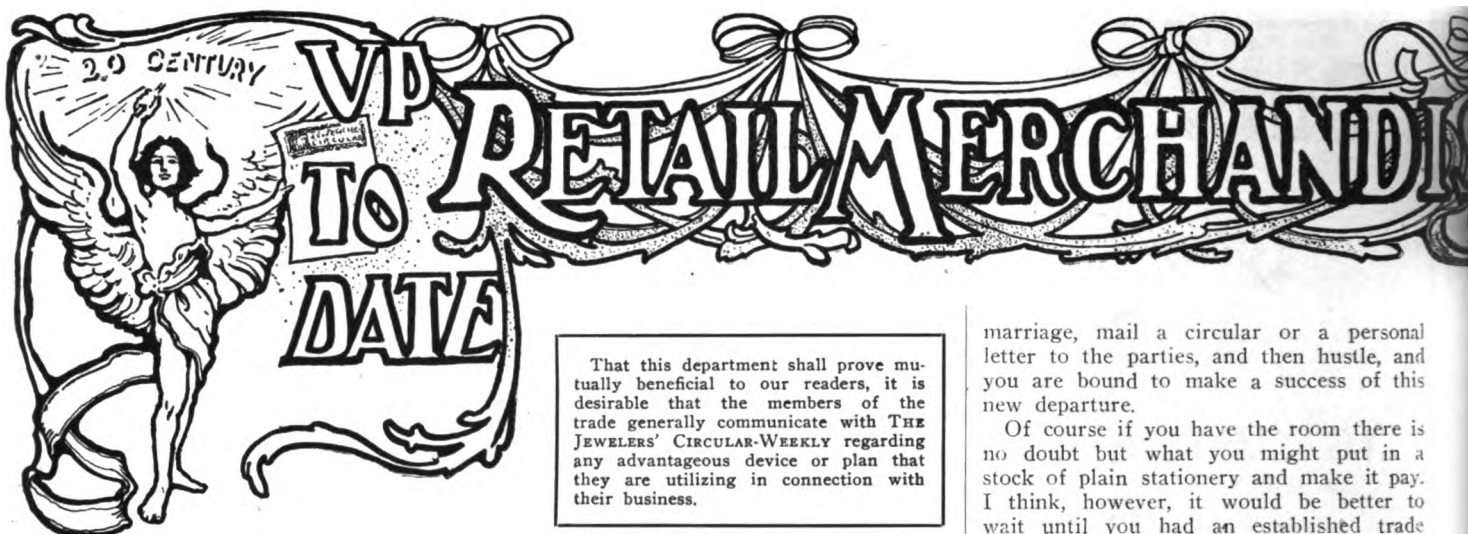
**"THE BRACELET HOUSE."**  
**GOLD BRACELETS.**

**KENT & WOODLAND,**  
Successors to Wm. H. Ball & Co.

16 John Street, New York.

**EVERYTHING IN**  
**GOLD**  
**Bracelets.**





### PRIZE ESSAY COMPETITION, NO. 8.

#### SUBJECT:

**"How to Install a Stationery Department in a Jewelry Store."**

IN installing a stationery department in a jewelry store, it is essentially necessary, if it is to be a success, that the jeweler have a reputation for selling good goods; otherwise it will be no distinction for customers to have bought their stationery at his store. This is true, for should you ask a woman what she does immediately after reading an invitation, she will almost invariably tell you that she turns back the flap of the envelope to see who engraved it. This also proves that the advertising properties of a stationery department are far reaching, and the customer pays for your advertising.

We presume that the jeweler is going to take orders for engraved and embossed work, not carrying any stock, and shall write with that in view. This is certainly a profitable way, for you have no money at all invested.

The first thing to do is to get a complete line of samples of all kinds of this work from some reliable firm who can fill your orders at short notice if necessary. Any up-to-date house will send you these samples attractively arranged on folders and labeled so they can be displayed to good advantage. Then get a blank book and mark your selling prices in plain figures so you will have no hesitancy in making a price from any sample. And right here I want to say that you can ask a good, reasonable profit on this work. Now, if possible, place the samples in a show case near the front of your store, and you are ready for business.

Just at this time it is advisable to send out a circular letter to all the people in your city whom you might think would ever use any engraved work. In a city of a little less than ten thousand, where no jeweler had ever handled any stationery, I sent the following letter, set up with "typewriter type," and at the top I inserted the name of the party to whom it was directed with a typewriter. This gave

it the appearance of a personal letter and guaranteed its perusal:

Mrs. H. M. Irwin:

*Dear Madam*—We have added a new department to what you may have already considered a complete jewelry store. We will call it a "Stationery Department," and while we do not intend to carry in stock any stationery, we do intend to take orders for special engraved and embossed work—invitations, announcements, calling cards, monogram paper, and everything in this line. We feel that such a department is needed in this city and believe we can make it profitable by turning out perfect and satisfactory work. As in other lines we handle, we expect to offer only the best.

Our prices will be consistent with the excellence of the work we expect to furnish, and we know they will be lower than those quoted for the same grade of work in larger cities—we shall not furnish inferior work in order that we may quote a low price. We trust that we may be permitted to show you samples and know that you will recognize and appreciate the superior worth of our new undertaking. Yours very truly,

The returns were immediate; the day after sending them we received inquiries, and in a few days got orders—and from that time on scarcely a day passes that we do not take some orders for visiting cards, invitations, announcements or monogram stationery.

On your first order for invitations or stationery have your engraving house make an imprint die of your name and the name of your city, and with this stamp all the envelopes that go out of your store, on the edge under the flap. The cost of the die will be nothing compared with the good it will do in the way of advertising.

You must also have a blank book in which to paste a sample of each piece of work you turn out; this is a reference for future orders.

You can see that this will be a constant increasing business, for aside from the new orders, you will be filling orders from old plates you have made and which you should keep unless they are expressly requested by the customers.

Use some dignified newspaper advertising, and when you hear of a prospective

marriage, mail a circular or a personal letter to the parties, and then hustle, and you are bound to make a success of this new departure.

Of course if you have the room there is no doubt but what you might put in a stock of plain stationery and make it pay. I think, however, it would be better to wait until you had an established trade in special order work. G. W. F.

### The Jeweler and His Competitor.

THERE are a number of things that are calculated to keep the average merchant engaged in retail merchandising awake at nights sometimes, says a writer in the *Show Window*, the matter of having his stock right up to date, that of having it displayed as it should be, keeping his employees satisfied and enthusiastic, gaining new customers and pleasing old ones, meeting his accounts, working up his policy and his systems for conducting his business, and a great many others, but perhaps the thing that gives him the most food for hard thought is "the other fellow," his store, his methods of conducting business and his success.

Now it is not designed in this article to preach a sermon. There is a good opening for talk about charity and benevolence, and fraternity and good feeling and all of that sort of thing, but after all is said and done there is a good deal of human nature in people, as some one has remarked, and while knowing him to be a good sort of chap there are few of us who would not realize that if the other fellow was compelled to retire from business, the unfortunate conditions which made it necessary were not without their compensations, at least from one point of view.

Much has been written and more said about competition in business and there is a good deal beside a pretty phrase in the adage "Competition is the life of trade," for if the other fellow was not alive and active, looking out for the business that you have been handling right along, your own business would stagnate, your stock would fall behind in character, quality and selection. You would control all the business perhaps, but as you would be compelled to offer no extra inducements to buy there would be no extra buying, and it is likely that you find at the end of the year that the total volume of your sales and their profits were not any greater than before your competitor went under.

These are all truisms. They are generally recognized as such and so do not require any extended treatment here, but there are a few matters in connection with "the other fellow's" store that may not be so apparent, and yet which make it an absolute ad-



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vantage. To begin with, as a rule he is worth studying. He may have ideas that are good, schemes that not only attract business but what in these latter days is equally important, create it. Business can be created, there is very little doubt of that; inducements can be offered to the general public to buy goods, though up until the time that the matter was brought to their notice they did not even know that they wanted them. Here is one of the advantages of competition. It is not claimed that "the other fellow" has all the good ideas. It is possible that a good percentage of them can be found exemplified in your store, but if it had not been for the matter of getting ahead of him, it is scarcely likely that they would ever have been exploited. In any event, you both reap the benefit, for the desire for this particular class of goods has been created and it must be met. He will probably receive some of the business brought out by your schemes of publicity, and the law of compensation makes it necessary that your store gets customers who would not be in the market at all had he not attracted them to it.

So altogether the matter of competition is not the tremendous obstacle that it would at the first sight appear to be. Then again, if you take the general average of cases you will find that the competitor is at least reasonably honest, because business experience has proven it to be the best and most profitable course, even if the inclination to be honest for its own sake might be lacking. Because of him you have improved your own business methods, you have gained many friends that would not have come to you otherwise, you have kept in touch with the matters of your community in order that you might best meet the wishes of its people, and you are a factor in the business situation. If you had not expended the energy to accomplish all of this he would, and in the interests of self-preservation it has been required of you.

But "the other fellow" is something more than a stimulant. He is a good example and a model. It is not the idea of the writer that the methods of a competitor be copied, for it is original ideas that count, but none the less the study of a competitor's ideas are well worth while, and even if they are not copied they are likely to induce a train of thought leading to something different entirely and probably better, but in any event calculated to accomplish the same result. It may be in the matter of store management, in the policy pursued by employes in drawing attention to their commodities, in methods of display, in fact in any of a hundred different ways, it will be found that it pays to watch closely what he is doing.

There remains one more thing to say in this connection, and it is a pretty comforting thought at that when it would seem that some particularly bright idea on his part has seemed to have won him considerable business and headway. It is that the same conditions that confront you because of him are present for him to combat because of you. If you are watching closely and guessing what he is going to do next, it is equally certain that he is taking the same course. If the struggle is sharp for you it is far from being all beer and skittles for him, and so there is no reason that you be discouraged because he is fully up to the times. He would not be if you were not, and the fiercer the competition the more direct the compliment to your own business methods and the more perfect tribute to your success.

## **Personal Letters.**

**T**HE personal trade letter has become one of the most popular and remunerative methods of advertising for the retailer in use to-day, says a writer in the *Advertising World*.

Those who have tried the letter system have spoken principally of their goods, prices of specialties, etc., but few, if any, have been as aggressive as some of our well regulated wholesale houses and business colleges.

Why is it that one sometimes receives letters from firms transacting business with thousands of customers, speaking of some instance or remark one has made several months previous? Probably you have told them you could not avail yourself of their offerings at the time of writing, but would be open for an order in Fall. When Fall comes you will receive a nicely worded letter recalling the fact.

This naturally makes a good impression upon you—you think they are thinking about you and consider your business worth trying to get. You wonder how they remember you. It is simply a perfected and well regulated system of advertising. Why don't you adopt the same system, Mr. Retailer?

When a man buys a watch, a ring, or other article from you make a note of it and about the time you think his watch may need cleaning or you have something which might interest him, write him a personal letter asking him if the article purchased on such and such a date is giving satisfaction and tell him you'd be pleased to count his friends among your patrons.

Tell him that for the same reason he favored you on the previous occasion you would be pleased by a repetition of the favor, etc. He would think you appreciated

his patronage enough to remember the exact date he made his purchase and could not help but admire you for your excellent memory.

Try it and see if it doesn't please your customers as well as clinch their trade.

## **Clifford Bell—Adsmith.**

**H**E brushed into the advertiser's office. tall, slim, dark, high-cheek-boned, hawk-eyed—the type Frederick Remington loves to sketch. "Good-morning, sir," he said. The busy man at the desk looked up. "Have an idea which may interest you," the visitor continued. "My name?—Bell—here's my card—Clifford Bell, formerly managing editor of the Pittsburgh *Prevaricator*. Have a bunch of ads. here—they're 'pullers.' See here, 'When you break a dollar save the pieces and buy a bottle of Holders Spectacle Paste. It's a sticker!' Not bad? Ha! ha! Here's another, 'Tick is a good thing—in timepieces, but nowhere else. We give tick, but only in timepieces.' 'On a Sunday afternoon' neat little jewelry ornaments don't go bad. We have plenty of attractive little pieces which will give you a dash of up-to-dateness.' Here's one for the automobilists, 'Locomotor ataxia is a bad thing. Locomobile ataxia is a good thing, and quite epidemic just now. Lest you be attacked with certain ataxias come and see our automobile eye protectors. We have the latest styles, with prices to fit quality.' Like this one: 'Ping-Pong is the rage. So is Ping-Pong jewelry. We have a swell line at surprisingly low prices!' And so on; I won't detain you. You can use 'em? All right, sir; they're yours. Plenty more where they come from. Good day." And the busy man at the desk recovering himself muttered, "D—d slick article," and resumed his writing. R. N.

## **Phil. Osophy's Chatter.**

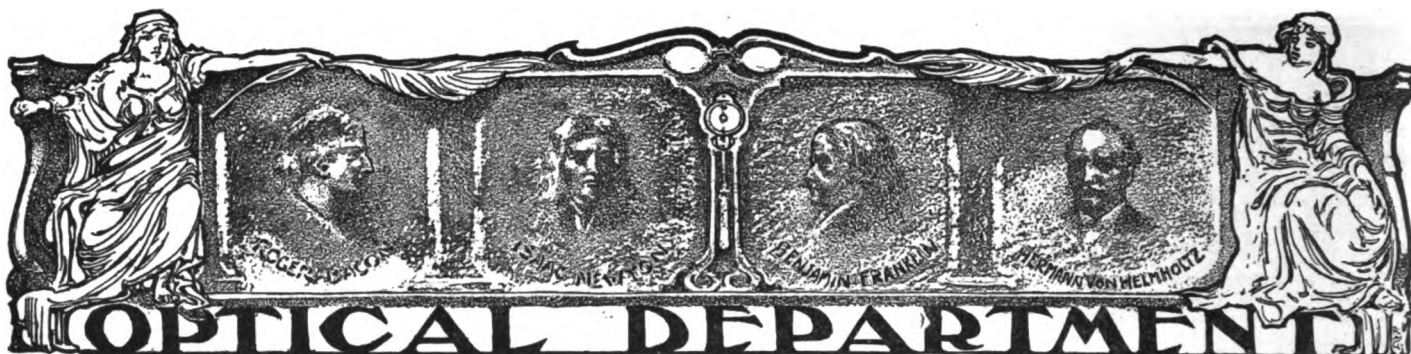
**"G**ET people talking about it"—that's the point. Then comes curiosity—attention—sales. If the thing's meritorious, continued sales.

The man who hasn't got the pluck or candor to say "No" seldom gets the opportunity to say "Yes."

If 'twere done when 'tis done then 'twere well 'twere done quickly—but it were a thousand times better it were not done at all if 'twere not worth doing.

Advertising is likened unto the sower mentioned in the Bible who went out to sow seed. Some falls on good ground, some by the wayside and some among thorns. The wind of indiscretion is generally the cause of valuable advertising copy getting among the thorns.





CONDUCTED BY GEORGE A. ROGERS.

"EXPERT OPTICIAN."

**T**HE optician, the strict refractionist, need not despair. His day is coming. Every year brings it nearer. No one is pushing his boat along for him. He is his own oarsman. And yet he inclines more and more to the front. He will soon be abreast of the most advanced of professional craft. It is his own efforts that are placing him there. The title adopted as a makeshift will be his in earnest. It will be earned.

On every side the great advancement of the strictly optical profession is becoming apparent. It divides honors now between the medical and non-medical representative. All that the optician gets is earned. It represents previous conscientious work. Most that the medical man gets is due to reverence for and awe of that profession. But the awe and reverence for the doctor in this strict field is making its exit at the back door with the advent of the really scientific optician at the front door. Atropine is no longer king of optics. Science and sense will soon drive its very ghost to the shades below.

Therefore, brothers, let us not be discouraged. Buckle on the armor and take hope. Do not be satisfied with a little knowledge. Be no mere experimenter upon the eyes. Burn the midnight oil. Study hard and furiously, determined to master this field or to know more about it than any other living professional representative. Avoid prejudice. Pursue more than one path. When you get to the end of a thing, plunge into the oblivion beyond. Don't stop where others have stopped. Rekindle the dead torch of research and plow deeper into the unknown depths. When one begins to congratulate himself upon how far he has advanced, progress ceases at that point. Never think to find an end. There is no end.

It is this sort of spirit animating the best representatives of optical science and craftsmanship that is pushing our chosen profession into flowering fields never before seen by mortal eyes. We begin to be envied. Who would not be so envied? Let us more truly deserve envy. Who would not be envied rather than pitied? To be envied is to be admired. Our workmen throughout the country seem to be animated by the same progressive spirit.

We begin to command respect. Our business begins to be worth looking after. It is built upon a solid foundation. It is not a declining but a growing business. It is the growth of confidence on the part of the people and made in the teeth of slander and

misrepresentation. But with the business we can afford to laugh at these silly things. They begin to be retroactive. They hurt no one but the javlin flingers. May they keep it up.

The recent Boston convention of the American Association of Opticians was as fine a representative body of men as one would care to see anywhere. There was no nonsense about it, no encouragement of fake schemes, everything manly and above board. It may be said to have been the beginning of professional association. The nucleus for such a body is formed. See that its ranks are filled, but see that they are filled right. Even then we have but a start.

The further question is, "What is to be done to stimulate effort, to accelerate advancement, to encourage progress, to raise that professional body to the highest plane of usefulness?" We begin to see the work ahead. Bodies, no more than atoms, are stationary. They must be kept moving. In all of this there is hope for the profession for there is work for it. We are near the dawning when no one will be ashamed nor afraid to stand out in the full light of day and acknowledge himself a member of this noble craft—expert optician.

### Optical Notes and Briefs.

S. D. Littlefield, optician, Delavan, Wis., who has been detained at his home by illness for several weeks, is again able to be at his store.

W. D. Fennimore, of the California Optical Co., has returned from Carson City, Nev., where he had been to see his son, who is very low with typhoid fever.

A report was circulated that Dr. M. Schwab & Sons, opticians, Saratoga Springs, N. Y., would close their optical institute, but this has been vigorously denied by the firm.

Wilson F. Thrall, optician, Danbury, Conn., at one time widely known, died in that city last week from starvation. Thrall had made plans several weeks ago to commit suicide and deliberately starved himself to death.

Ferguson & Craig, Champaign, Ill., have removed to their new store, No. 5 Main St., which has been entirely refitted with new furniture, floor and wall cases, designed after the "Paul Revere" pattern of sterling flat ware. They have also a newly equipped optical room and a ladies' waiting room.

(Additional Optical News on page 66.)

### Prize Dioptric Quiz.

**T**O give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set having appeared Aug. 18. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the 16th set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list having been printed in issue of Aug. 18—will be made to those whose solutions are next in order serially.

### Official Answers to Sixteenth Set of Problems.

**A**CCORDING to the conditions under which THE CIRCULAR-WEEKLY'S Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the sixteenth set of questions (published July 16, 1902) follow:

#### ANSWERS TO SIXTEENTH SET.

76. One-half reduction in retinal image, or object will appear at double actual distance or at 60 inches.
77. 2 2-3 D. acc.
78. 2 2-3 D. myopia.
79. 1-3 reduction 2-3 of or size when viewed openly appears to be 3-2 of 15 in. =  $22\frac{1}{2}$  in. distant.
80. 4 4-9 D. acc.

### Corrections.

**B**Y a misprint the official answer to the 68th problem reads 25 ft. 6 in. It should be 25 ft. 5 in. The second part of answer to the 75th problem was inadvertently omitted and is (b) 4 D. acc.

Chas. Coombs was recently arraigned in the Rochester, N. Y., police court on a charge of forgery in the second degree, having forged the name of Bausch & Lomb, opticians, Rochester, N. Y., for two checks amounting to \$15. They were presented and paid at the German-American Bank. He waived examination and was held to await the action of the Grand Jury. The alleged forgery was committed on May 19, 1900.



## PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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[COMMENCED IN ISSUE OF AUGUST 20, 1902.—PART V.]

### CHAPTER III.

#### Lens Action.

The student should begin this work by performing certain experiments with lenses. To perform the experiments, construct a double lens holder (2 cells) for trial case lenses (round) and mount it upon a standard six or eight inches high, with a suitable base to stand upon. Have a lamp of about the same height whose flame serves as the object. A square piece of cardboard, with some sort of base, to answer for a screen will also be needed. The experiments may be taken up as follows:

#### EXPERIMENTS.

Place a  $+5$  d. lens upright in one of the cells of the standard and set it on a table 20 inches from the flame of the lighted lamp, so that the flame will be upon the principal axis of the lens. Place the screen about 13 inches from the lens, so that the light from the lamp will pass through the lens and reach the screen. In these positions there should be a slightly reduced inverted image of the flame upon the screen. If the result is not exact, look to your measurements. A tape line tacked upon the table to get the positions by will be convenient.

The explanation of this result is as follows: Light proceeds from every point of the flame outward into the room in series of waves. There are as many series of waves as there are points in the flame. As these waves form spheres, a pencil of light from each point of the flame will reach the lens. But the lens, though transparent, does not allow the waves to proceed so rapidly while in the glass. As the waves from each point reach the lens as  $+2$  c. waves, coming from  $\frac{1}{2}$  meter, and as the lens, which is biconvex, presents a surface curved in the opposite direction, that portion of each wave traversing toward the center of the lens will reach it first. The margins of the waves will reach the margins of the lens last. The glass is also thickest at the center and thins out toward the edge. In going through the lens therefore the central areas of each wavelet will be retarded by the glass most—that is, for a longer time, in entering the glass. But in emerging from the opposite, or posterior, side the margins will emerge first and resume their speed for air. The effect of this action is (1) to reduce the incident plus curvature of each wavelet or (2) to take it out altogether, or (3) to cause a reversal of its curvature. Emergence from the posterior surface produces analogous effects though in a slightly different way, and the action of both surfaces taken together cause each wave, which reaches the lens as a  $+2$  c., to emerge as a  $-3$  c. The lens has really changed the curvature of each wave  $5$  c., for it has taken out  $2$  c. of one kind ( $+$ ) and given each a curvature of  $3$  c. of another kind ( $-$ ). This is a dioptric action of  $+5$  d. The direction of each series of waves has not been altered. They proceed onward in the same direction as before. As series of waves from the upper part of the flame have a slightly downward direction they reach lower areas of the screen. As series of waves from a lower part of the flame have a slightly upward direction they reach the upper part of the screen. The same is true for right and left points. Light from them develops upon left and right points of the screen.

All waves leave the lens as  $-3$  c. waves. That is, they have, by the action of the lens, been recentered at points in advance of the waves—each series at its particular point. The new centers are  $40 \div 3 = 13$  in. away, and therefore at the screen. At every point upon the screen, therefore, where light from the flame of the lamp which has passed through the lens touches, is a focus. It receives all the light from one given point of the flame and none of the light from any other point. The waves become at the screen of infinite curvature and intensity and their extent is zero—a point. This accounts for the image, for by the reaction of the

screen, an eye looking at the area affected, receives light from it as though it came from the lamp flame itself. If the eye looked at the flame it would get but a small pencil of waves from each point—much smaller than those passing through an ordinary trial case lens. It gets the same size pencil now, but from a slightly smaller area, which tends to intensify the whole effect. But some of the intensity is dissipated, or absorbed by the air. In other respects there are no differences. The image is smaller because the pencils in going the 13 in. cannot separate as far as from the area from which they are gathered at 20 in. The image is practically  $\frac{2}{3}$  the size—that is  $\frac{2}{3}$  the diameter of the object. The image is not produced by the lens although the lens is an agent in its production. All the lens does is done while the waves are getting into and out of it. The rest of the effect is evolutionary. The lens does not invert the image. That also is an evolutionary effect, the same as the growth of roses on a rose bush or of acorns on an oak.

The following diagram (Fig. 10) illustrates the action. It may be seen from it what a  $+5$  d. action is, under the circumstances

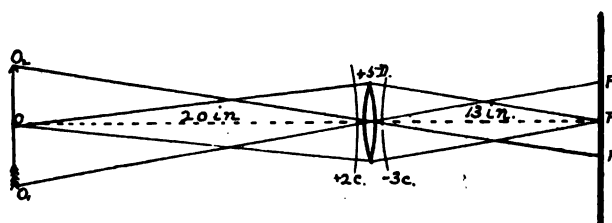


FIG. 10.

stated. This value consists of three parts that makes it a  $+5$  D. action: (1) it is a positive action, and (2) it is 5 something and (3) that something is diopters. What is the meaning of the "plus," what does the "5" signify here, and what are these "diopters" or dioptries? A positive ( $+$ ) action is an action in harmony with the principle of evolution—an action in the same direction as evolution acts. As evolution decreases the curvature of plus waves, so a plus action decreases the curvature of plus waves. As evolution increases the curvature of minus waves, so a plus action increases the curvature of minus waves. Evolution will not transpose plus into minus waves, for it is satisfied with perfection—plane waves or waves whose curvature is zero—but it has to go a long ways to get them. A plus lens acts for the amount of its power, even though it over-shoots the mark and makes the waves minus in curvature. When the lens surrenders these waves to evolution again, evolution can do but one thing with them—proceed in its own way to make them perfect, plane. To do this it brings them to the center of curvature and starts the process all over again. A positive action is therefore an action by which the central areas of the waves are retarded most or for the longer time by the resistance of the glass, and the glass must be so shaped as to produce this effect, while marginal areas are retarded for the least time. As the waves are spherical, a spherical surface of resistance modifies them spherically, or nearly so.

#### Character of Action.

The "5" considered abstractly is a mere numeral, expressing "how many." It must be considered in connection with the denomination  $d.$  = diopter. The 5 d. means that the curvature of the waves passing through the lens is changed five metrocurvs. The 5 metrocurvs in the above action are made up of the  $+2$  c. taken out of the incident waves and the  $-3$  c. imparted to the emergent waves. If the incident waves had been  $+3$  c., the emergent waves would have been  $-2$  c. The amount of change in the latter case is the same as in the former, and therefore, since it is in the evolutionary direction, is  $+5$  d. The following are other illustrations of what a  $+5$  d. lens will do:

#### Numeration of Action.

1. It will change  $+4$  c. waves to  $-1$  c.  
2. " " "  $+5$  c. " " plane.



3.	"	"	"	+	1 c.	"	"	—	4 c.
4.	"	"	"		plane	"	"	—	5 c.
5.	"	"	"	+	6 c.	"	"	+	1 c.
6.	"	"	"	+	8 c.	"	"	+	3 c.
7.	"	"	"	+	100 c.	"	"	+	95 c.
8.	"	"	"	+	.50 c.	"	"	—	4.50 c.
9.	"	"	"	—	1 c.	"	"	—	6 c.
10.	"	"	"	—	3 c.	"	"	—	8 c., etc.

Now the only difference between the action of this lens upon all sorts of waves of light and the action of a + 8 d. lens is that the latter changes the curvature of the waves passing through it 8 c. instead of 5 c. in the same direction. And every plus lens follows the same rule. The dioptric power of the

**Negative Dioptric Action.** lens is its action in changing the curvature of the waves. But a minus lens differs from a plus lens only in the direction of its action.

It retards the margins of the waves passing through it more or for a longer time than central areas and effects the curvature for an equal amount, but in an opposite direction. For instance, taking a — 5 d. lens and comparing its action with the action of the

+ 5 d. shown above for the same waves, the following is the result:

1.	It will change	+	4 c. waves to	+	9 c.
2.	" " "	+	5 c. " "	+	10 c.
3.	It will change	+	1 c. waves to	+	6 c.
4.	" " "		plane " "	+	5 c.
5.	" " "	+	6 c. " "	+	11 c.
6.	" " "	+	8 c. " "	+	13 c.
7.	" " "	+	100 c. " "	+	105 c.
8.	" " "	+	.50 c. " "	+	5.50 c.
9.	" " "	—	1 c. " "	+	4 c.
10.	" " "	—	3 c. " "	+	2 c.
11.	" " "	—	5 c. " "		plane.
12.	" " "	—	8 c. " "	—	3 c., etc.

Every other minus lens acts according to the same rule—changing the curvature in the opposite direction from natural evolution—and for the number of metrocurvs represented by its dioptric power.

(To be continued.)

### Requirements For Professional Practice.

**T**HE professional practice of optometry may be said to be in the chrysalis state of development—forming, but not yet formed nearly, but not quite ready to spread its gaudy wings to the breeze, but waiting for leaders.

It is proposed in this series of papers to foreshadow the requirements for the professional practice, and also to indicate some of the general rules that will govern those who practice the science and art in a professional manner. We do not propose to be technical, but hope to offer something sensible. It is not assumed that the professional men of the country will fall over themselves trying to meet the requirements here laid down, but it is hoped to give them a few ideas to build to.

Taking it for granted that those who find anything to interest them in an article of this kind are capable refractionists and that they desire naturally to occupy as high a professional plane as possible, the question is what do they need, what should they do, how should they conduct a professional business, what representations should they make, and wherein should they limit themselves? This opens up a very nice field of inquiry and discussion, and we feel that many opticians have asked themselves these questions and would like to obtain the views of the writer and see them generally discussed by those most interested in making optometry a really professional employment.

In a recent essay upon the optician an eastern doctor criticised the optician for "aping" the doctors in having a suite of professional rooms and otherwise behaving himself like a civilized being instead of passing his goods across the counter like the "shop man" that he is. This is the first intimation ever received that "doctors" had a patent on private professional rooms. They are modern innovations, it is true, but it hasn't been the doctors alone that have evolved them. They really originated in the barber shop, where the profession of medicine and surgery and dentistry originated, and have extended to all classes of professional and semi-professional businesses. Opticians ape the manicuring parlors as closely as they do the doctors in this matter, and the doctor apes the barber shop.

### EXTENT OF REQUIREMENTS.

Aside from the assumed data that the would-be professional is a capable refractionist and a gentleman, let us inquire.

1. What does he need in the way of professional rooms, and what should be their arrangement and purposes?

2. What does he need in the way of an equipment for professional work, both generally and specially and

3. How should he conduct a professional business, which includes (1) his representations, (2) his practice, (3) his fees and charges?

It is assumed, as a matter of course, that he will be connected, in this professional work, with no side commercial trade, such as running a jewelry store or a drug store, or offering any article of commercial character for sale. If he is going to do that he might as well put on overalls, roll his shirt sleeves up to the elbow and take on the appearance of a green grocer generally and be done with it. Professional practice and commerce can't go together. They mix no better than water and oil. Those who mix commerce with science and art do so to the cost of the latter.

The real dioptrist should, if a medical man, cut out the medicine, if he aims to make dioptrics professional. He might as well try to be a doctor and a dentist at the same time as to try to be a doctor and a dioptrist at the same time. A man always grades, in public estimation, to his lowest calling. A doctor and a dentist might be regarded highly as a dentist, but he would grade low as a doctor. So a doctor and a dioptrist might grade high as a doctor, but as a dioptrist he would naturally be considered a failure, if not a fakir.

### PROFESSIONAL ROOMS.

The professional dioptrist should have a suite of at least three rooms: the reception room, the fitting room, and the laboratory. This arrangement corresponds to the best arranged modern dental rooms.

The reception room should be as large, airy, and as well furnished, light and pleasant as the business will afford. A reception girl, who might also be a stenographer, should be given charge of it, if the business will sustain such a luxury, who should keep it in the best of order as well as re-

ceive and give information to callers. There should be in it a table with the latest magazines for the entertainment of anyone in waiting. A nicely furnished reception room does business for the one who maintains it every day in the week. It never fails to register upon all callers.

The laboratory should contain the desk for writing, keeping records and stationery and filing such magazines as the dioptrist takes for himself. It should have a little work bench in it for making changes in frames, for doing any repair work and for assembling spectacles and eyeglasses that can be furnished from stock on hand. The bench should be so fitted that all tools could be found readily or kept where one need but to lay his hand upon them. If any edge grinding or drilling machinery is used it should be in this room. The room should also contain one or more cabinets for keeping an assorted stock of frames and lenses with parts of frames for repair work or supplying broken parts.

If it is permissible to have any uncleanness about the establishment, or if there is any speaking or jollying to be done with private friends who call, this is the room for it.

It would be convenient to have connection between this room and the fitting room by a door and perhaps with the reception room by an open space above the floor about counter high. Jobs should be sent from this room and received at this room, so that an outer or corridor entrance to it should be provided. An errand boy might be found desirable for the room, although that would depend upon the location.

The fitting room is the room that tells the story however. It makes the practice professional or non-professional. It should be of convenient width, 6½ to 10 feet, and either about 23 or 13 feet in length. Its size depends somewhat upon the equipment, and there should be room for the operation of such instruments as are included in it without crowding. This room should be the dioptrist's sacred sanctuary, a strictly private professional room and never occupied except by the optician himself and the particular patient who is engaging his professional attention. There should be no helper, no assistant, no co-ordinate operator in the same room at the same time. If



## Optical Department.

two men work together, better have two smaller but separate professional fitting rooms, or only one occupy it at a time. No other plan is feasible.

In a recently published sketch of "ideal" rooms two opticians are represented as practicing upon two separate patients at the same time. Such an arrangement gives a commercial cast and therefore a non-professional aspect to the whole situation.

The fitting room, if not a confidential seclusion of the patient from her or his

friends and a place where the dioptrist can get that hold upon her or him necessary to build up his professional business, becomes a mere department store affair. In the case of children or aged people only, or weak minded ones, an exception should be made to the rule. And the more the dioptrist can separate himself from the financial end of the transaction, by having his office girl or a special man who has been trained in the fitting of frames and guards deliver the goods, and who does the counter work, and he or the office girl acts as cashier, the better. The optician should of course name the price and hand a slip specifying the

amount to whoever is to deliver the goods and collect the money. G. A. R.

(To be continued.)

## Red Spectacles for Seasickness.

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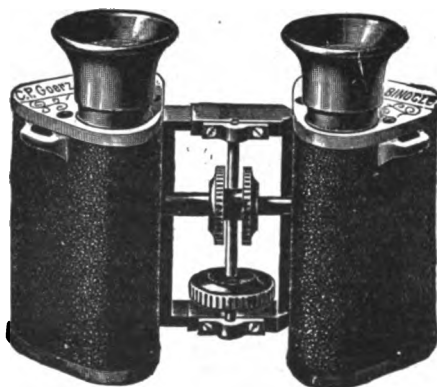
The aim of this school is to supply the increasing demand for a thoroughly substantial education in optics, especially in the higher fields and deeper principles of the science and art of optometry, and the practical training of specialists for this professional field.

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## BUYERS' INFORMATION BUREAU.

Questions as to the makers of certain lines of goods, where to buy certain lines, where certain kinds of work are done, the owners of certain trade-marks and other matters relating to the buying branch of a jewelry business will be cheerfully answered under this department. The reader cannot ask too many questions. *All queries are also answered promptly by mail.*

MILWAUKEE, Wis., Aug. 9, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Please inform me where I can purchase the small electric motor which was mentioned in THE CIRCULAR-WEEKLY of May 7, 1902. Yours truly,  
R. S.

ANSWER:—The Manhattan Electrical Supply Co., 32 Cortlandt St., New York.

NIAGARA FALLS, N. Y., Aug. 29, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

We would consider it a special favor if you can give us the name of some good manufacturer of white porcelain fern dish linings. Thanking you in advance, Yours very truly,  
W. A. R.

ANSWER:—These goods are made by S. A. Weller, Zanesville, O.; New York office, 57 Park Place; or the Maddock Pottery Co., Trenton, N. J. They are imported by Lazarus, Rosenfeld & Lehmann, 56 Murray St., New York.

CEDAR RAPIDS, Iowa, Aug. 7, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Can you tell us where we can buy a hat cleaning machine? When in New York we saw this machine in use in shining parlors, haberdashers, barber shops, etc. It is a stand with a revolving block, run by foot power and electricity. It has brushes and everything used for the business. Thanking you in advance for your trouble, we are,  
Respectfully,  
P. S. J. Co.

ANSWER:—This machine is sold by Mast & Co., 22 W. 4th St., New York.

EVANSVILLE, Ill., Aug. 25, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please send me the addresses of manufacturers of electric lights that work with a dry battery? Also alarm clocks that work with dry battery used for light, and while the alarm rings the lamp will light. By doing this you will greatly oblige, Yours truly,  
H. G. K.

ANSWER:—The Manhattan Electrical Supply Co., 32 Cortlandt St., New York.

BOSTON, Mass., Aug. 30, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I am anxious to find the manufacturers of a little purse top which is called a coin top for a Tam O'Shanter purse. They come in several patterns. Any help you can give will be appreciated. Thanking you in advance. Respectfully,  
E. A. S.

ANSWER:—Purse tops are made by the following concerns: The E. A. Bliss Co.,

1 Union Square, New York; M. W. Carr & Co., West Somerville, Mass. (nickel); F. A. Leonard & Co., 157 Orange St., Providence, R. I. (nickel); Ignatz Botstiber, 45 Lispenard St., New York, and Samstag & Hilder Bros., 557 Broadway, New York.

ASHLAND, Pa., Aug. 27, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Would you be kind enough to send me the address of the Rogers Statuette Co.? They were located a couple of years ago at 440 Pearl St., New York, but as I have addressed them at that location without receiving any reply I suppose they have moved. Thanking you in advance, I am,  
Yours very truly,  
G. R.

ANSWER:—The Rogers Statuette Co. is out of business and has no successors.

ATLANTIC CITY, N. J., Aug. 26, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Please publish the name and address of the manufacturer of the West alarm clocks. They are cheap clocks with lead wheels.

Yours respectfully,  
L. R. G.

ANSWER:—We think you allude to Western alarm clocks made by the Western Clock Mfg. Co., La Salle, Ill., whose New York agent was the Welch & Osborne Co., 45 Maiden Lane.

TARRYTOWN, N. Y., Aug. 25, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Kindly inform me through THE CIRCULAR-WEEKLY where I can procure musical alarm clocks.

Yours respectfully,  
O. C.

ANSWER:—These clocks can be had from the Jacot Music Box Co., 39 Union Sq., New York; Singer Bros., 82 Bowery, New York; J. Dukas, Switzer & Co., 335 Broadway, New York, will import them to order.

LOS ANGELES, Cal., Aug. 18, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you kindly favor me with the address of some of the larger precious stone jobbing houses, and oblige,  
J. S. R.

ANSWER:—Albert Lorsch & Co., 37 Maiden Lane, New York, and Goodfriend Bros., 13 Maiden Lane, New York.

GETTYSBURG, Pa., Aug. 21, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

I send to you by mail a little army musket lead pencil. I would like to know where they are made if it is possible to find out. I think they will sell well as souvenirs. I would be thankful for any information you can give me. Yours truly,  
C. A. B.

ANSWER:—Army musket lead pencils are imported by H. Rosenstein, 119 Park Row, New York, and cost \$1.25 a dozen. They are not made in this country.

FAIRBURY, Neb., Aug. 24, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you kindly tell me where I can get the new book for watchmakers that you describe on page 81 of the CIRCULAR-WEEKLY of Aug. 20, entitled, "The Watchmaker at the Bench," and oblige.

I am yours truly,  
H. J. E.

ANSWER:—The work referred to is published in German, and we don't think it is to be had in this country. By remitting \$1.65 to the *Deutsche Uhrmacher-Zeitung*, Berlin, Germany, you may obtain a copy.

READING, Pa., Aug. 14, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you kindly let me have the names and addresses of a few firms handling "Haviland China?" Thanking you in advance,

Respectfully yours,  
H. I. H.

ANSWER:—G. D. A. china, formerly known as Chas. Field Haviland china, may be had from Haviland & Abbott, 29 Barclay St., New York; Haviland Co.'s china from Haviland & Co., 45 Barclay St., New York, and Theodore Haviland china from Theo. Haviland & Co., 25 Murray St., New York.

BROOK, Ind., Aug. 18, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Will you please send me addresses of the manufacturers who make round wicking for alcohol lamps about three-eighths of an inch in diameter. Thanking you in advance,  
A. C. R.

ANSWER:—These wicks can be had from the Arnold Mfg. Co., 108 Broad St.; Clay Wick Co., 120 Broadway; Wm. E. Hooper & Sons, 74 Broad St., all of New York.

SALEM, Mass., Aug. 18, 1902.

Editor of THE JEWELERS' CIRCULAR-WEEKLY:

Kindly give us the address of a manufacturer of stage jewelry. An early reply would be greatly appreciated. Yours very truly,  
H. H.

ANSWER:—Henry Dazian, 26 Union Square, New York.

Mrs. F. S. Playse, Campello, Mass., a short time ago found a lustrous pearl, about the size of a shoe button. Jewelers who have seen it say it is quite valuable.



Sells at \$25.25; Cost, \$13.00 net.

4 Traveler size, retail.....	\$1.00	each.
2 Triumph size, retail.....	2.00	"
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1 Universal size, Gold Band, retail..	3.50	"
2 Peerless size, retail.....	3.00	"

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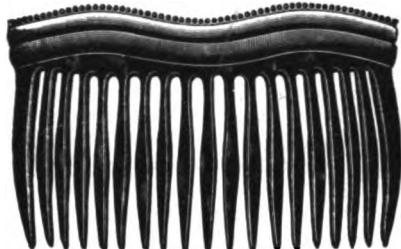
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### Mechanism for Operating a Calendar Attachment Combined With a Clock-Movement.

THE invention above referred to consists of a special arrangement of the movement of a calendar clock, whereby a printed band or strip carrying the months and days

mechanisms, while the small sketch at the top gives the detail of the unlocking device.

Fig. 1 shows the works of an ordinary spring clock in combination with the system of transmission necessary to drive the calendar movement; Fig. 2 illustrates the end view of the same and gives the detail of the calendar cabinet, or housing with the rolls 1—3—6, showing their relative positions as

the manner of a striking work, and is shown in Fig. 2 to be connected direct with a spring drum 13, by means of a pinion 12, which is light upon a short arbor upon the outer end of which is the toothed wheel 11, which in its turn meshes into a smaller one. This again actuates a double set of conical wheels, 10—9, and 8—7, of which 7 is attached to the axis of the larger cylinder or roll 6, and thus effects the movement of the date-strip in a plane parallel to the face of the clock. Stiff paper or heavily dressed muslin will suffice for the date-strips, 2.

In order to establish an exact and equal movement of this date-strip, it is necessary to provide it with small perforations or openings on a line running its entire length, equidistant from each other and placed preferably just below the day of the week, as shown at 5 on Fig. 1.

In its course from 1 to 6, the strip passes over an intermediate roll, 3 (Fig. 2), which is provided with a groove or rabbet at its middle portion, and shown by the dotted lines at 4, Fig. 1. Over this groove the openings in the date-strip are adapted to pass, and the two combined form a locking device for the mechanism; for, when the openings arrive at this spot, the trolley, 14, falls through the hole upon the roll, 3, and prevents further advance. It will thus be instantly perceived that these openings perform the same function as the locking device in the French striking movements. From the following concatenation of events a clearer idea of the *modus operandi* will be obtained.

Attached to the staff of the hour hand of the clock is a toothed wheel, 16, which meshes into the wheel, 19, having just twice as many teeth, and which accordingly makes but one revolution in the twenty-four hours.

This wheel, 19, is provided with a projecting pin, 18, which once in every revolution strikes upon the underside and raises the lever, 20, shown in the detailed sketch at the top of Fig. 2, whereby the trolley rod, 15, and the releasing arm, 26, upon the click shaft, 26, are likewise set in motion.

The click consists of the two arms, 27—28, on the end of the shaft, 26, and operates exactly like the click in a striking work, viz., it provides both a release and lock; the arm, 27, rests in its socket with its rectangular bend in contact with the pin in the starting wheel, and which it holds securely locked. The arm, 28, serves as a time stop, inasmuch as it takes up the pin when it is released by 27, and carries it till the releasing lever, 21, drops off pin, 18.

Until the date is completely changed, the running of the works is maintained through

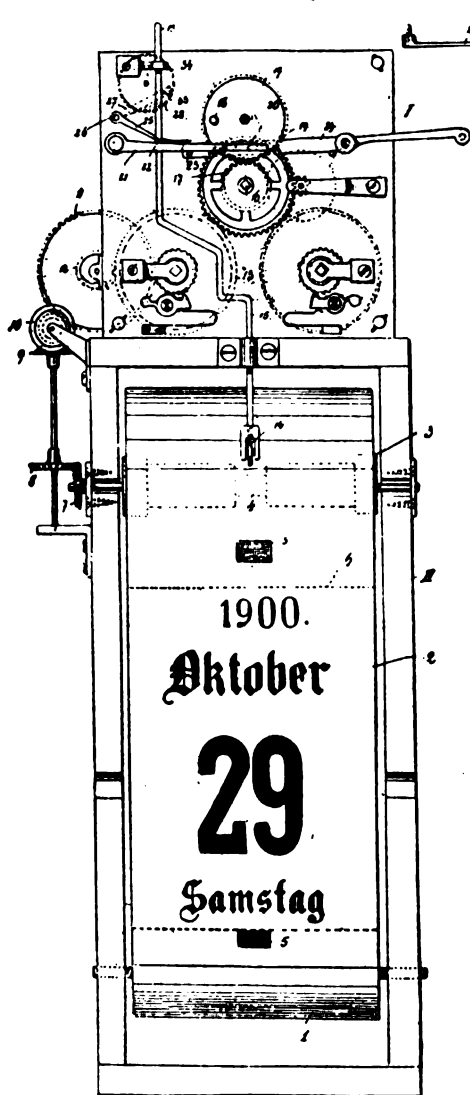


FIG. 1.

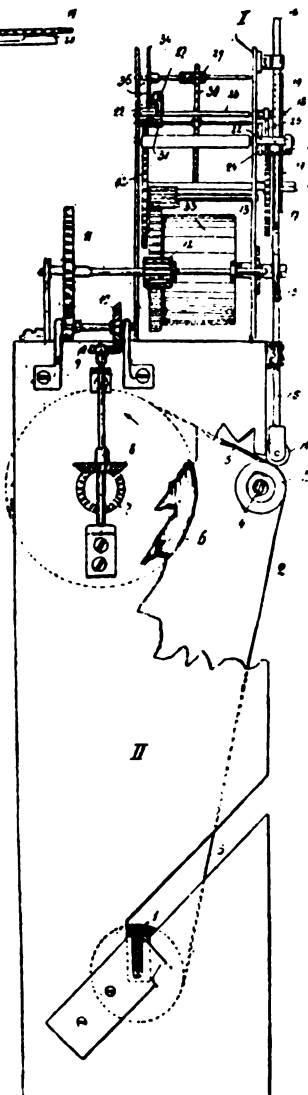


FIG. 2.

of the month and week for any given year, is made to unroll from one cylinder upon another, at the same time displaying upon the front of the clock the actual date.

The accompanying illustrations, Figs. 1 and 2, furnish two views of the combined

well as the course of the date-strip over the same, from which it will be noticed that the date strip is wound from the roll 1, over roll 3, upon roll 6.

The construction of the calendar mechanism is very simple; it is indeed much after



the medium of the trolley bar, 15, which carries the trolley, 14, at its lower extremity. The trolley, 14, having once been raised out of the perforation in the date-strip, an immediate forward movement of the strip prevents its falling back into the hole, and it is now held in this position by the unperforated part of the date-strip moving under it. The pin, 18, releases the locking lever, 21, which is held up by the pin, 22, in the bar, 15, so that the pin in the starting wheel may pass between the locking and the starting levers, and this condition is maintained until the trolley, 14, falls into the next perforation in the date-strip and effectually locks the mechanism for another day.

Essentially then the date movement is the same as the striking movement with the only difference that the perforated date-strip is made to take the place of the ordinary locking device.—*Oesterreichisch-Ungarische Uhrmacher Zeitung*.

### An Old Clock Collector.

**A**SHTABULA, O., has a clock collector, now 79 years of age, who since his youth has devoted himself to his hobby.

His name is Silas Fuller, and for years he has lived alone in a little old house, cooking his own meals and enjoying the companionship of his beloved clocks. The house is filled with them—grandfather clocks and shelf clocks and curious clocks of all sorts—some of them minus the cases.

Mr. Fuller began gathering his treasures long before old clocks became the valuable possessions that they now are, and the incidents of his life afforded him unusual facilities for picking them up.

He is an expert mechanic and inventor, and invented a machine for paring apples which was a great success. In the intervals that elapsed between his inventions he traveled. And he didn't go by luxurious palace cars, either. He went on foot, carrying with him a kit of tinkering tools, with which he managed to work out his board and lodging along the way.

At every house where he stopped he always inquired if they had an old clock which they wanted to dispose of. Very often they had, and the nominal price which was asked for the old wreck he paid in tinkering jobs.

In this way he traveled all over the lake region, far up along the St. Lawrence and into Newfoundland, covering between 1865 and 1883 some 27,000 miles.

From every trip he brought back with him clocks, which he proceeded to put in repair when they needed it. One clock he has made himself, taking eight years in the building of it. It not only records the time of day, but the day of the week, the rising and setting of both sun and moon and the movements of the seasons.

But old age is now creeping apace over Mr. Fuller, and he is no longer able to go on with his work and his numerous inventions. Recently he has been compelled to give up his hermit-like existence and take up his home with his son, W. S. Morgan Fuller. His own little house is closed and locked, and the clocks are left alone in the darkness. For this reason he has decided to part with his treasures.

### Foucault's Demonstration by Means of the Pendulum of the Rotation of the Earth.

**I**N the year 1851 Léon Foucault, the son of a book dealer of Paris, made his celebrated experiments with pendulums to demonstrate the rotation of the earth. The experiments now being repeated with the same pendulum in the Pantheon, of Paris, make it of interest to read the original report of the Foucault experiment in the annals of the Society of Physical Sciences in Berlin. It is as follows:

An epochal point in the line of discoveries in the domain of natural sciences in the year 1851 is the ingenious experiment by Foucault to demonstrate the rotation of the earth by the apparent deviations of the pendulum from the plane. Foucault reasons from the phenomena which a pendulum would present when swinging above one of the poles of the earth.

The pendulum should be of the simplest construction, a homogeneous, heavy ball on a pliable cord, suspended from a fixed spot in space lying in the projection of the earth's axis. This point is conceived of as not participating in the rotation of the globe and no attention is paid to the progression of the earth about the sun, since this has no influence upon the phenomena to be investigated.

When a pendulum, so conceived, is set in motion, the plane in which the vibrations take place will retain an unchanging position in space, owing to the inertia of matter. If the oscillations be continued for a time, the unceasing rotation of the earth from west to east will necessarily stand in appreciable contrast to the fixity of the plane of oscillation. A cross section of this latter, relative to the surface of the earth, will apparently move in the same manner as the celestial globe, i. e., in 24 hours, if the oscillations could be so long maintained. It would range once around the horizon in a direction opposite to the rotation of the earth.

Practically, of course, no such ideal point of suspension can be found, but this does not alter the phenomenon, since it can be experimentally proven that torsion can be applied to the cord in either direction (if the cord be round and homogeneous, without perceptible influence upon the plane of rotation). At various degrees of latitude, variously removed from the pole, the phenomenon becomes more complex, since the vertical line of suspension ceases to coincide with the earth's axis, describing a gradually widening open cone as the distance from the pole increases.

At different degrees of latitude the apparent rotation in the pendular plane is equal to the product of the angle of the earth's polar rotation and the sine of the geographical latitude of the point of suspension. This is zero at the equator and in the southern hemisphere it moves from west to east.

Experiments to confirm this theory were first made in a vault, at the highest point of which a piece of cast iron had been inserted to serve as a point of attachment for the wire. This projected from a mass of tempered steel whose free surface was exactly horizontal. The pendulum wire con-

sisted of steel, strongly drawn, of 0.6 to 1.1 mm. thickness and two meters in length. At its lower end there was attached a highly polished brass ball, which had been so hammered as to cause its center of gravity to coincide exactly with its geometric center. This brass pendulum bob weighed 5 kilograms and ended in a point which virtually constituted an elongated projection of the wire.

After all torsion of the wire and ball had ceased it was moved from its position of equilibrium by means of a looped thread, the end of which was attached to a fixed point in the wall not far above the floor. The magnitude of the oscillations, as determined by the length of the thread, was 15 to 20 degrees. The pendulum was liberated by burning the string.

On a horizontal surface below the pendulum a vertical point had been provided in such a way as to have it coincide in one moment with the oscillating point of the pendulum bob. After half an hour a notable divergence from the plane of oscillation, relative to the horizontal components of the apparent motion of the celestial sphere was already perceptible. This deviation increased steadily and resulted in a confirmation of the theory, though no absolutely complete revolution in 24 hours could be demonstrated.

In the meridional hall of the Paris Observatory Foucault soon after repeated his experiment with a pendulum 11 meters long, which showed aberration with every oscillation. Foucault also mentioned the coincidence of this phenomenon with the results demonstrated by Poisson in a paper read before the Academy of Sciences on Nov. 13, 1837. In this report, which treats of the movement of projectiles through the air, as related to the daily rotation of the earth, Poisson proves analytically that the line of projection is always deflected to the right in our latitudes, if the observer is thought of as standing at the origin of the line looking along it.

The mass of the pendulum bob may be compared with a projectile which in moving away from the observer is deflected to the right and in its return is deflected to the left. Hence the increase in deviation in the middle plane of oscillation, as also the significance of this phenomenon. The pendulum, however, has this advantage over the projectile, that results are, as it were, added automatically and so pass from the domain of theory to that of observation.

### THE EXPERIMENT OF COX WITH TWO PENDULUMS.

Cox, an Englishman, used two pendulums in repeating the Foucault experiment. These were sufficiently far apart to move freely. Both pendulum bobs were connected by a cord; this was burned and both pendulums began their movement in the same vertical plane. If the eye of the observer was placed in the same plane the two suspension wires seemed to coincide, since one covered the other. But after a short time the path of oscillation of the two pendulums visibly changed. Since both planes of oscillation turned on the earth to the same intent they no longer coincided. It could be seen that they diverged and one crossed the other.

The advantages of this experiment were



twofold: (1) The rapidity with which the divergence of the two pendulums became visible, and (2) the naked eye could more readily follow the crossplay of the two wires in opposite directions than in a case where the motion of a single pendulum had to be judged with reference to a given point below.

In various cities of the world freely oscillating pendulums of considerable length were suspended. In Germany there was one, among others, in the cathedral at Cologne and in that of Speyer, in the Frauen Kirche (Church of Our Lady) in Dresden, and so forth. In the Pantheon in Paris Foucault found a room admirably adapted to conduct pendulum experiments, but when, on May 3, 1852, Louis Bonaparte, the then President of the French Republic, decided that the Pantheon was to be again considered as a Roman Catholic Church, the great pendulum was laid aside. It consists of a leaden bob weighing 27 kilograms and was used again in 1869 for several months by Maunonée for observations in the cathedral in Rheims. Observations are at present being made under the supervision of the astronomer Flammarion.

The physicist Léon Foucault was constantly engaged in experiments and investigations. He improved the mechanism which actuates great telescopes and he has rendered especial service by his ingenious method of the measurements of the velocity of light. Foucault died in 1868, being only 49 years of age.

The giant pendulum of L. Foucault, of which we have spoken, is at present being used with the sanction of the French Minister of Public Education by the astronomer Camille Flammarion for the previously mentioned experiment which is to make the revolution of the earth visible to the general public by means of the oscillations of the pendulum.

The pendulum consists of a pendulum bob of lead weighing 28 kilograms. This ball is attached to a fine piano wire 64 meters in length, which in itself is a curiosity owing to this unusual length (about 69 yards). M. Nénon, the architect of the Pantheon in Paris, where the giant pendulum is suspended, discovered the original balustrade of 1851 in a subterranean vault and has had it replaced in the dome. The balustrade has a seating capacity for 100 spectators in the front row. At present the investigations are conducted for a smaller circle. The tension caused by the weight has somewhat increased the length of the wire.

The oscillations require eight seconds each way. On the floor there are two heaps of fine sand, through which the pendulum sweeps a furrow of a depth of two millimeters at every oscillation. Foucault conducted this experiment under conditions quite similar 50 years ago. In a few days preparations will have been completed and Flammarion will instruct visitors of the Pantheon exactly as to the nature of the pendular oscillations, which constitute the clearest practical proof of the rotation of the earth which experimental science possesses.

The suspension of the great pendulum is now completed and one experiment has been tried which lasted two hours. The deviation of the plane of the pendulum amounted to 22 degrees in exact coincidence with the theory. The duration of oscillation record-

ed 820 seconds for 100 oscillations according to the chronometer, consequently a duration of 8.2 seconds for each oscillation. It follows from this that the height of the dome of the Pantheon is 67 meters and not 57, as given in guide books. The width of each oscillation is five meters.

In order to give the experiment its most definite shape Flammarion will reduce the width to smaller proportions and will consequently diminish the radius of the sanded circle. To insure further clearness the sand will be spread on a platform painted white and divided into degrees. The moist white sand which is to be used will be covered with a layer of soot, so that each swing of the pendulum will leave a white trace through the blackened sand. An observation of six minutes will make a deviation of six centimeters of the plane of oscillation visible to the eye.—*Allgemeines Journal der Uhrmacher-Kunst.*

### A Watch Typifying Labor Organization.

(Translated from *Revue Internationale de l'Horlogerie.*)

THE specialty craze is upon us, and day by day it becomes more and more emphasized in the watchmaking industry. The fact of the matter is that, like the surges of the deep, watches without number roll in upon the shores of the trade, each new one being destined for some special



purpose either for a certain class of citizens, for corporations or for societies or trades unions, and we must admit that in many cases the ideas disclosed are far from bad.

Take, for example, the Socialists' watch, originated by Camille Calame of Bienne, a person very well known in the horological world.

To-day we could not choose a more fitting example of excellence than the "workingman's chronometer," which, perhaps, will become the standard about which the comrades of to-morrow will rally.

The word "chronometer" is in this case evidently no more than a generic term. It refers to an every-day watch with an ordinary movement, possessing nothing special in its internal make-up.

At all events we may rest easy as to

its inclination to strike or even to refuse to work more than eight hours a day, for it makes the customary journeys around the face like the watch of any other good citizen.

The feature of this timepiece which stamps upon it the mark of originality is the general treatment of the decoration upon the case.

Embossed or engraved upon the back are the figures of two men, members of the laboring class, one a blacksmith, the other a miner. With clasped hands they stand beneath the shadow of the Goddess of Liberty, who has taken them under her protecting care. In one of her outstretched hands the Goddess holds an olive branch, a symbol of peace; in the other an equilateral triangle which stands for equality.

The disjointed chain and broken sword seen in the foreground at the feet of the figures typify the total suppression of the evils resulting from social tyranny and war, while in the background are plainly visible the factory and a tunneled entrance to a mine gallery. The stiffening rim of the watch case bears two mottoes in raised letters; that upon the back reads, "Unite, ye laborers of every country, to defend your rights," while the motto on the face side sets forth the desires of the workingman in the words, "We want eight hours for work, eight hours for self instruction and eight hours for refreshment and sleep."

Cases are already made bearing these sentiments in French, German, English and Italian. In all the watches, however, the face plate carries the trade-mark, "Chronometre du travailleur" (workingman's watch). The models are deposited at Berne under the numbers 7515, 12721, 12786 and 12911. Incidentally it may be remarked that Mr. C. Calame has assigned his rights and interests in the "Socialist watch" to Mr. Joseph Hess, Commissioner of Horology at Chaux-de-Fonds.

### The Clock at Balmoral.

THIS picturesque anecdote concerning a clock at Balmoral Castle is related in a recently published book by a Scottish author: "The hands on its face are bare and sometimes during winter the snow has been known to stop them."

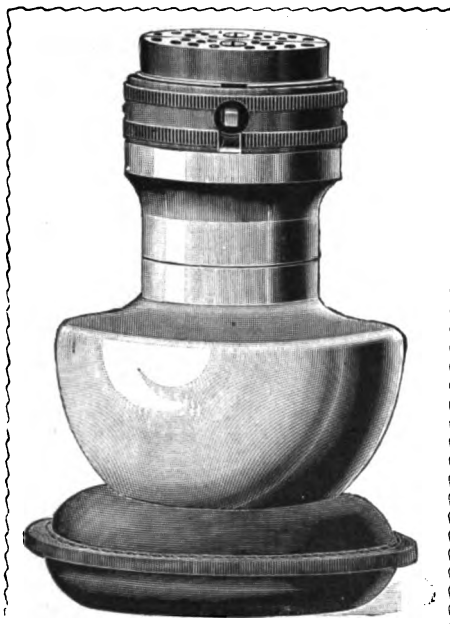
"There was a snowstorm on the day Queen Victoria died. When the kirk bell tolled and the order was given to hoist the flag half-mast the men paused to look at the clock. Its snow-laden hands were standing, pointing to the time their Queen had passed away."

"It is an old Scottish custom to stop the clock when the head of a household dies. They had not needed to do so. And so it was left until after the funeral."

### A Correction.

IN the article "Technics and Working Methods in Horology" in the issue of Sept. 10, page 87, column 2, lines 52 and 53 were erroneously printed, "Jurgensen's aim to obtain great vibrations results in," etc. This should be "Jurgensen's aim to obtain great vibrations may result in," etc.



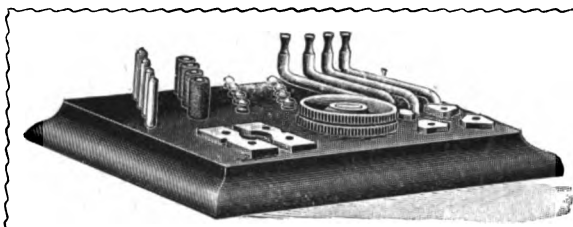


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## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 234.—Yellow Gilding.**—Will you please explain to me why my gilded articles assume a pale color?

R. N.

**ANSWER:**—In order to obtain the desired color your bath and batteries must be in good condition. See that all connections are cleaned, the cells charged, etc. If these are in good order the trouble may come from the gold containing too much silver. To obviate this add a little cyanide of copper to the solution; increase the temperature of the liquid and employ a strong current from the battery until the silver has worked off. If the solution already contains an abundance of cyanide of potassium instead of adding cyanide of copper take a little of the crystallized acetate of copper and reduce it to powder; dissolve this in water and add to the bath every evening, stirring constantly until the silver has worked off. In a new bath where there is no troublesome sediment to disturb, the copper liquid may be made at any time and the quantity can be increased until the right color is produced, if not rendered sufficiently deep by the first addition; but too many foreign substances must be avoided in making a good bath, particularly when a fine gold color is desired. Too much cyanide of potassium in a gilding solution gives a pale, dirty looking color to the deposited gold. To remedy this defect add to it a quantity of water and do the gilding at a lower temperature, if the power of the cyanide is not then overcome by the watering process.

**QUESTION No. 235.—To Fasten Glass on Metals.**—Please advise me if there is anything in the way of fastening glass on metal other than using plaster of paris. Also tell me if there is anything that can be put in plaster of paris to harden it quicker.

D. E. B.

**ANSWER:**—The answer to Question No. 181 may be of use to you. If not a suitable receipt may probably be selected from one of the following: One of the best cements for attaching glass to other substances is prepared by putting the best and purest gum arabic into a small quantity of water and leaving it in till next day, when it should be of the consistency of treacle. Calomel (mercurous chloride or subchloride of mercury) is then added in a suitable quantity—enough to make a sticky mass being well mixed on a glass plate with a spatula. No more is to be made than that required for immediate use. The cement hardens in a few hours, but it is wiser to leave it for a day or two. To ensure success it is necessary to use only the very best gum; inferior sorts are absolutely useless. Another method: 4 parts of glue melted with the least possible quantity of water, 1 part Venice turpentine, will resist moisture. For attaching metal plates, such as letters, etc., to flat sheets of glass, the following may be used: Copal varnish, 15 parts; drying oil, 5; turpentine, 3. Melt in water bath and add 10 parts slaked lime. Or, carpenter's glue, 4 parts; Venice tur-

pentine, 1 part. Or, copal varnish, 15 parts; boiled linseed oil, 5; Venice turpentine, 5; glue, melted in the smallest possible quantity of water, 5 parts. Melt together and add 10 parts of powdered quicklime. A fusible glass cement recommended by Wiederhold is composed of 4 parts lead, 2 parts tin, 2½ parts bismuth, which melts at 212° Fahr. The melted metal is poured into the capsule, the glass pressed into it and then allowed to cool slowly in a warm place. If equal parts of common calcined plaster of paris and of sulphate of potassa be mixed together they will harden in a moment with less than an equivalent weight of water; so much so that the mixture cannot be poured out of the vessel. If, however, 1 part of each of the salts and 2 of water be used they form a mass which cannot be poured out and the surface of which will be found coated with a crust of sulphate of potash. The rapidity of hardening, therefore, can be made to vary with the percentage of water, the mass solidifying even if 6 parts of water be used.

**QUESTION No. 236.—How to Imitate Nickel Plating.**—I have often seen small articles, like buttons, pins, etc., which looked as if they were nickel plated. Can you tell me how that is done? N. I. A.

**ANSWER:**—This process is very simple, and can be done without a battery or nickel. Coarse zinc filings is the metal required, and with it a good imitation of nickeling can be produced on small articles, such as buttons, pins, screws, etc. Boil together: zinc filings, 4 parts; sal ammoniac, 12 parts; water, 40 parts. Stir the mixture with a zinc rod, and when the articles are put into the boiling solution a precipitate almost as brilliant as silver will be deposited on them capable of resisting atmospheric influences as nickel does. The deposit is lasting in consequence of the great affinity which zinc has for the majority of metals, being easily reduced by most of them from its solution. Granulated zinc will serve as a substitute in the absence of zinc filings.

**QUESTION No. 237.—To Precipitate Gold in Acid Solutions.**—I made a gold solution for a gilding bath, but I cannot get it precipitated. How should I proceed, and what new material must I use? N. I. A.

**ANSWER:**—The gold can be precipitated by adding to your gold solution sulphate of iron or copperas, as it is generally called. The nitro-muriatic acid existing in the gold solution has a much greater affinity for iron than gold, and by its combining with the iron to form nitro-muriate of iron sets the gold free, which falls down as a metallic powder, leaving the iron to take its place in the solution as nitro-muriate of iron.

**QUESTION No. 238.—Grandfather's Clock.**—I have a grandfather's clock bearing the name Thomas Barnard. Where and when did he live? Is the clock of any value because of its antiquity? J. W. W.

**ANSWER:**—Thomas Barnard was a London watchmaker, established at 72 Strand.

from 1783 to 1813. The antiquity of your clock does not increase its value; it would be different if it were four hundred or more years old. Its value depends entirely upon its good condition and timekeeping qualities. In England, where there are more collectors of antiques than in our country, a customer recently sued a watchmaker for \$50 damages for the loss of an antique dial and clock movement. An expert who was called to give evidence as to the value of the clock stated that some years ago there was a song called "My Grandfather's Clock," and after that arose a craze for that kind of clock, which greatly enhanced their value. The clock in question, however, in its condition at that time, was not worth 10 shillings.

**QUESTION No. 239.—Ink for Celluloid Articles.**—What is a good ink to write on celluloid articles, or can you give me a receipt to make it? T. S.

**ANSWER:**—A good ink for that purpose can be made by dissolving a sufficient quantity of India ink in acetic acid so as to obtain either a fluid or thick ink as required. Use a quill instead of a steel pen for the writing.

**QUESTION No. 240.—To Repair Amber Mouth Pieces.**—What is a good method to repair a broken amber mouth piece on meerschaum pipes? T. S.

**ANSWER:**—Dissolve sufficiently hard copal in pure ether until it assumes the consistency of castor oil. Clean carefully the broken surfaces of the amber, and coat them with this cement; press the parts to be joined together quickly, as the ether soon evaporates, and this would, if allowed to take place, impair the adhesiveness of the cement and moreover weaken it. The cement takes some time to harden; therefore the fractured places after being pressed together should be retained in their places by means of a support of some kind. A piece of string wound round the object will answer some of the purposes of the repairer. But the most suitable way will suggest itself in accordance with the kind of fracture to be repaired. In repairing mouth pieces of pipes, any portion of the cement which is almost sure to be pressed into the tube in small quantities, must be carefully removed at once before it has the time to set, or the passage will be clogged and the pipe made useless. A small feather can be utilized for removing the moist cement.

**QUESTION No. 241.—Mixing of Oils With Other Liquids.**—Can a thick oil be made more fluid by mixing it with petroleum or alcohol? G. G.

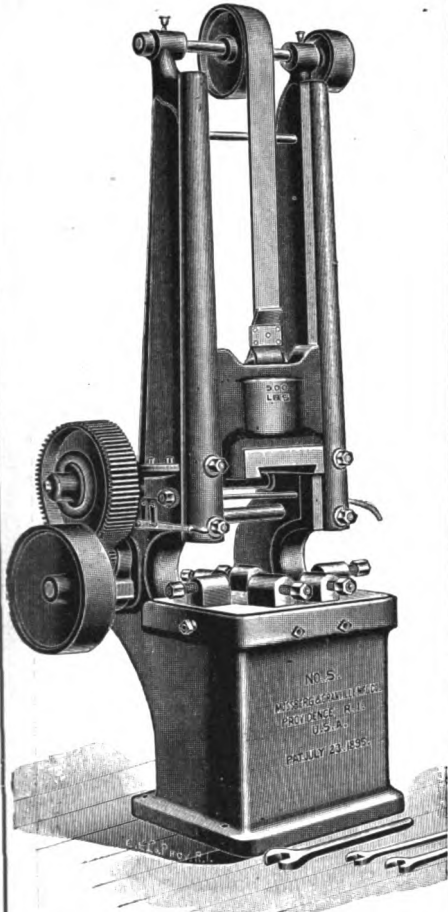
**ANSWER:**—It can be mixed with petroleum and thus be made more fluid, but its mixing with alcohol would be of no use. Oil can be mixed with boiling alcohol, but it will separate again when it becomes cold, except castor oil and croton oil, which also mix with cold alcohol.

**QUESTION No. 242.—Jeweler's Gold.**—What is meant by jeweler's gold? C. H.

**ANSWER:**—This term is applied to alloys of gold used for trinkets and inferior articles of jewelry, ranging from 3 or 4 karats fine upwards. The lowest alloy of this class is formed of copper, 16 parts; silver, 1 to 1½ parts; gold, 2 to 3 parts, melted together.



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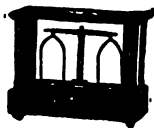
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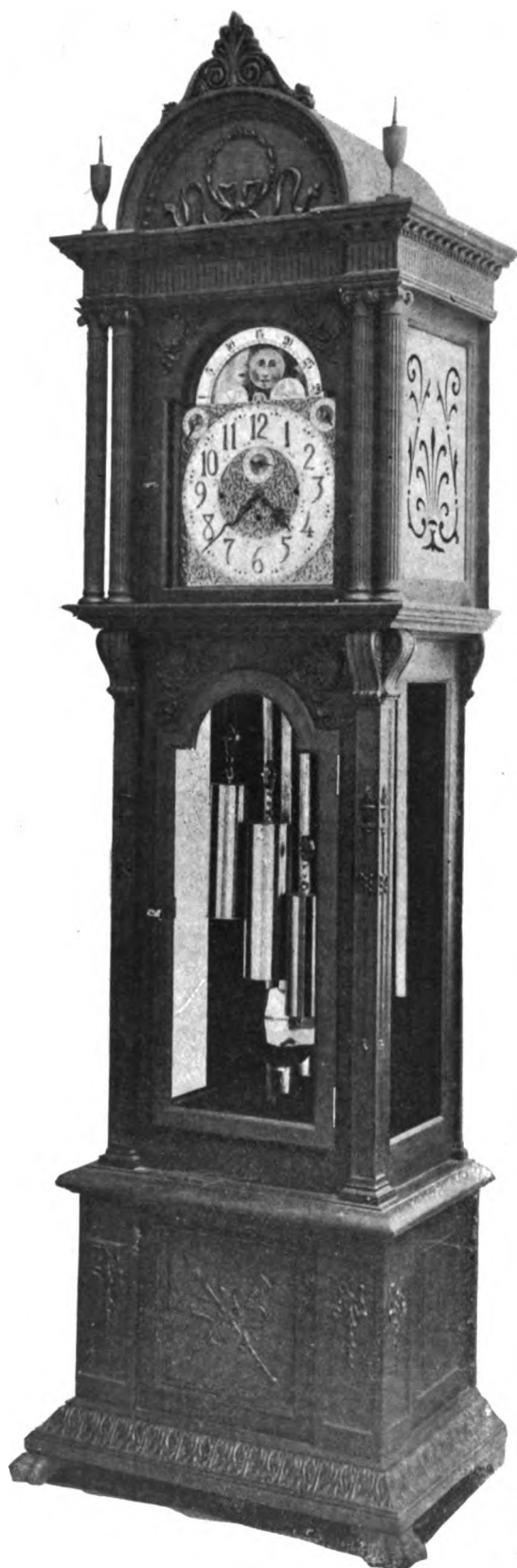
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

**DOMESTIC ART METAL GOODS.**  
THE Bradley & Hubbard Mfg. Co., 21 Barclay St., New York, has some

new domestic bronze goods in *art nouveau* effects, which are now displayed in a large and varied assortment of bronze heads and busts and small statuary. A distinct novelty in the goods carried especially for jewelers is found in a number of decorated brass candle sticks and writing sets arranged in black leather plush lined cases. In addition to this line the concern also has a number of decorated brass book sets. These are highly ornamental as well as useful; they are fitted with sliding rods and can be adjusted to any mantel shelf or any number of books. These goods are expected to prove a profitable adjunct to the stock of up-to-date jewelers.

**NOVELTIES IN CUT GLASS.**

A VERY attractive and complete line of cut glass is now being handled by Cox & Lafferty, the successors to Wicke & Co., 32 Park Place, New York. Many new cuttings and new pieces have been added to the concern's stock since the business changed hands. Among the cuttings and pieces especially worthy of notice should be mentioned the line of large, rich punch bowls, the tall trumpet vases, the violet vases and the mayonnaise dishes. The trumpet vases differ from those of other styles in that they have "club" cutting on the stem near the bottom of the stand. The effect of this cutting is very marked and artistic. The pickle dishes and cake plates carried by the concern come in all designs and sizes and embrace all the popular shapes.

**NEW FALL LINE OF POTTERY.**

THE main show room in the building of Glaenger Frères & Rheinboldt, 26 Washington Pl., New York, has been altered and the business office moved to the front of the building. The bronzes and *art nouveau* figures have been moved to the rear of the floor to allow the change. This entire floor is now given over to the business office, the traveling men, and the bronze goods. The Fall stock of the concern is now nearly all in and a finer lot of goods was never before handled by the house. The figures and group in French and Vienna

bronze, and the busts, figures and groups in Carrara and Castellina marble are among the finest specimens of their kind to be found in the market. The concern has made a special effort in the selection of its Fall lines of imported pottery. These goods come from the leading factories of Germany, Bohemia and Italy and are of a very excellent quality. Jewelers generally are invited to inspect the stock.

**USEFUL METAL NOVELTIES.**

IN addition to their regular lines of silver plated hollow-ware and novelties, Bernard Rice's Sons, 542 Broadway, New York, are showing two lines of new goods, which are proving popular with jewelers. Their new "Rices-zinn" offers a variety of designs in mugs, steins, vases, etc., having a soft, dull finish, and suitable for dining room decorations and practical uses. Vases, decanters, liquer sets and like articles of iridescent glass, mounted with this ware, make very effective pieces. Another line that is having a good sale is of silver plate in the "Butler" finish; this resembles somewhat in appearance the "zinn" wares, and comes in many beautiful pieces, as trays, cups, smoker's sets, vases, etc.

THE RAMBLER.

### Crockery and Glass Dealers in the Past.

THE following letter on the subject of crockery dealers of the early part of the century and their methods of doing business was recently sent to the *Pottery Gazette* by one of its subscribers:

Sirs—When the century just past was young, keeping shop was a creditable occupation, but now, when the stores and emporiums are to the fore, a "shop" seems to have lost caste; but nevertheless people in the past did keep shops and gloried in them—yes, and died as shopkeepers in glass and china, and left a creditable record behind them.

Who, in London, who has passed middle age, does not remember such names: Millidge, of the Strand; Nash, of Cornhill; the Paynes, Greene, and many others? But few are left now. The draper sells everything, as well as drapery, and, with the stores, cuts in glass and china until it is narrowed by the unfair competition into a position which would have broken the hearts of the old shopkeepers in the legitimate trade. But half a century changes many trades, and it has certainly altered those in question, both as to agents and dealers; now the agent calls with his bag, and sees a buyer instead of the principal. Who can wonder at memory going back to the time when the agent did business with the proprietor?

Mostly then a dealer bought his own goods, and personally attended to his own, one business, and was generally to be seen in his "shop." He kept large stocks and thoroughly knew his trade and it was a pleasure to sell to him from this fact; he mostly succeeded an ancestor in the business, or had graduated from a works in the potteries, or the glass district of Stourbridge or Manchester.



## FANS

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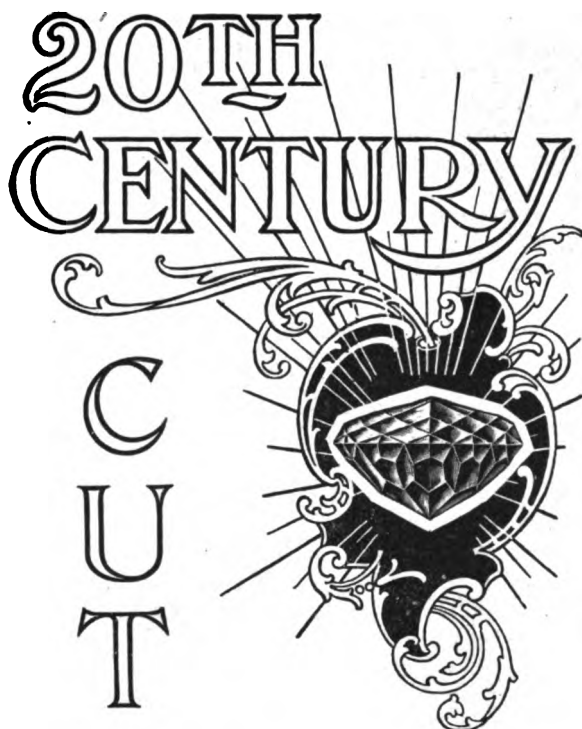
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Then, in the country we have lost many grand old pottery dealers, whose honesty would stand a severe test; notably Yates of Leeds, and his brother of Cheltenham; Child and Hine of Edinburgh; Winchester, and Macgibbon, and the old Macdougals of Glasgow, this last firm still existing in another successive generation. It is a remarkable fact that an old ledger dating from 1832, to which we have had access, shows that few families after 50 years have any name in the trade; some retire into competence, some die out, and some are lost in obscurity.

Many changes are due to railways; they have brought the potteries to our door. Who cared before railways to travel hundreds of miles to visit the potteries. A dealer saw the "outrider" every six months and selected what he wanted, and had often to anticipate his wants three or six months ahead, to economize carriage by water or sea, or to avoid the busy season, when the requirements in glass and pottery exceeded the make.

Such men kept "shops" in those days wanted big minds and large capital, for then glass paid a heavy duty, and a tavern goblet was retailed at about 80s. per dozen, and pottery and glass was delivered in many parts of the country by wagon, and many bought and hawked pottery for 50 miles around the pottery district, as it is reported did Holdcraft the dramatist.

It is one of the pleasures of an old life to recall these men in a new century, and resuscitate them in the pages of your journal.

Buyers and sellers are greatly changed, and it behoves the young people in both trades, to fall in with the times as they find them, and probably another century will see as many changes as in the one just passed. Yours, etc.,

AN OLD OUTRIDER.

### The Duty on Statuary.

IN a recent decision handed down by the Board of Classification of the United States General Appraisers the board partially sustained and partially overruled the protest of Ferdinand Bing & Co.'s successors, in regard to importations of marble or alabaster. These importations were from Italy and were assessed for duty in each case for 50 per cent. ad valorem under Par. 115 of the Tariff Act of 1897 as manufactures of marble not specially provided for in the Act. The protestants claimed that the articles were dutiable at 20 per cent. ad valorem under Par. 454 of the Tariff Act "as statuary not specially provided for," or at only 15 per cent. ad valorem, by virtue of the reciprocal commercial agreement between Italy and the United States.

The United States Circuit Court had previously held that statues, cut, carved, or otherwise wrought by hand from a solid block of marble, alabaster or other materials specified in Par. 454, by a professional sculptor or under his direction or supervision, are entitled to free entry without regard for the purpose for which they are to be used, the degree of artistic merit that they possess or the fact that they are copied from the work of other sculptors.

The Board found that the various articles in this case were all statuary, cut, carved, or otherwise wrought by hand from solid blocks of marble or alabaster and the protests were all sustained as to the articles that were made by professional sculptors, and the Collector's decision was reversed, reclassifying the merchandise at 20 per cent. ad valorem under Par. 454, or at 15 per cent. ad valorem under the Italian Reciprocity Treaty on merchandise that was imported subsequent to July 18, 1900. As to all other articles than those enumerated in the schedule the protests were overruled.





## SWINGING

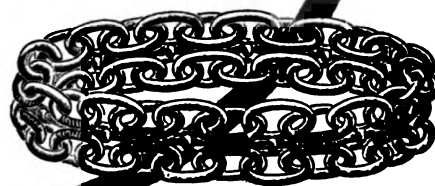
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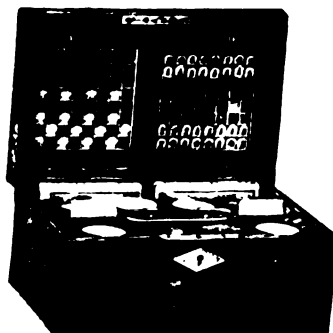


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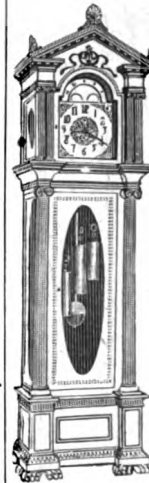
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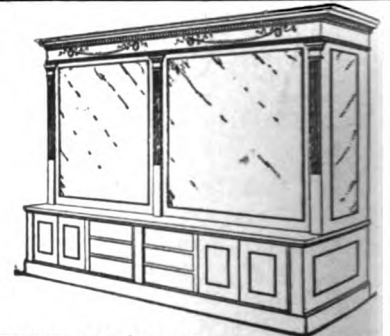


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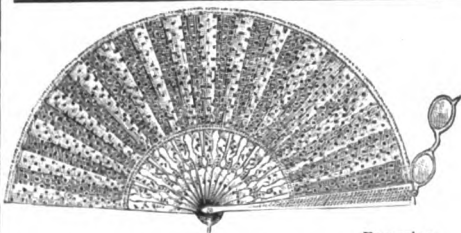
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34TH YEAR.

NEW YORK AND CHICAGO, WEDNESDAY, SEPT. 24, 1902.

VOL. XLV. No. 8.

AMERICAN ART AT THE TURIN EXPOSITION.



SIDE VIEW OF THE EXHIBIT OF TIFFANY & CO. AND THE TIFFANY STUDIOS.  
(Descriptive article on page 18.)



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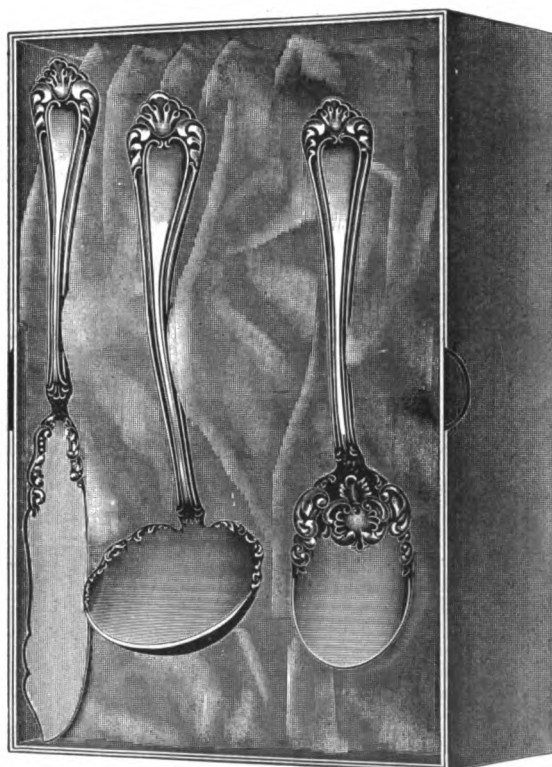
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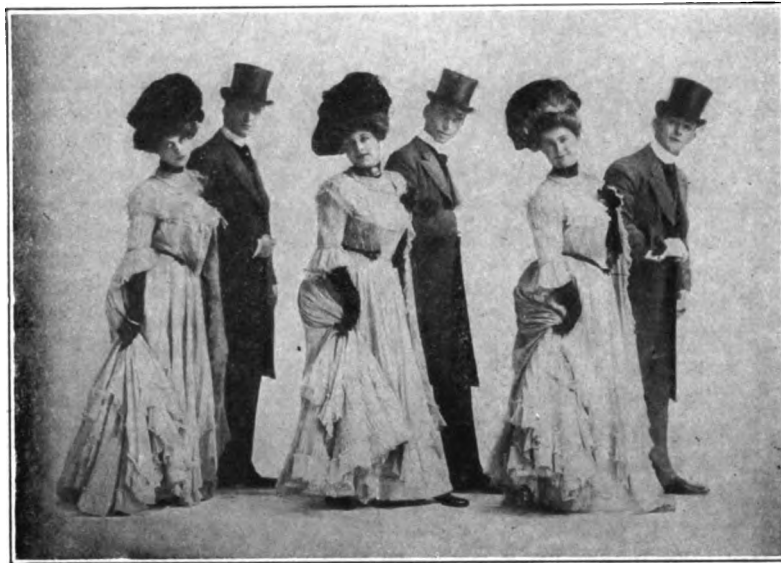
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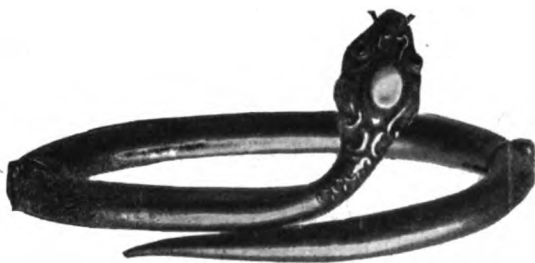
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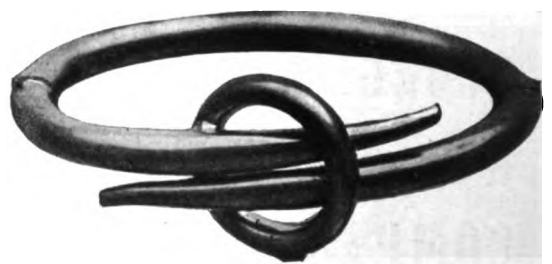
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# Reigning Paris Fashions.

PARIS, Sept. 10.—A glance at the jewelry shops of the Rue de la Paix enables every



FIG. 1.

one to realize the powerful seduction of the creations of the *art nouveau*.

Art pendants and sash buckles of all shapes and sizes add the most artistic note to the beautiful displays of the leading jewelers.

In Figs. 1 and 2 are represented new and attractive buckles. Fig. 1 shows an original buckle of gold and silver. It represents flowers and foliage of the hyacinth, very handsomely chased. The flowers are of matt gold, while the leaves are of old gold covered with a black patina. The frame of the buckle is of chased silver. Fig. 2 is a charming buckle of chased matt gold representing mistletoe branches, gracefully entwined. The leaves are delicately enameled, while the berries are fine pearls.

Other very artistic designs too are of "repousse" silver and represent flowers and foliage of the dandelion. Fig. 3 shows an exquisite neck pendant; on a heart-shaped background of red enamel stands a woman's head of ivory, very finely wrought. This head is surrounded with a graceful foliage, delicately enameled and enriched with sapphires and brilliants. This magnificent pendant ends with a large emerald.

Back combs retain their high popularity. In Fig. 4 is illustrated one of the newest patterns in this charming line. The prongs are of light tortoise shell, while the top is adorned with a dainty motif of chased matt

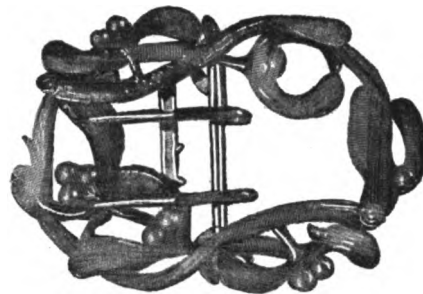


FIG. 2.

gold representing golden cups on a background of green enamel.

In brooches occur many charming novelties. As an example, I will cite an original brooch taking the form of a shellfish and consisting of a background of translucent



# Character



is a business asset. To the jewelry store it is as necessary as stock itself. The confidence of the public is the jeweler's mainstay, and public confidence is built on character—the individuality of the man, the reputation of his stock, the standing of his store. Right buying is the first step in character-building, and right buying presupposes buying at the right place.

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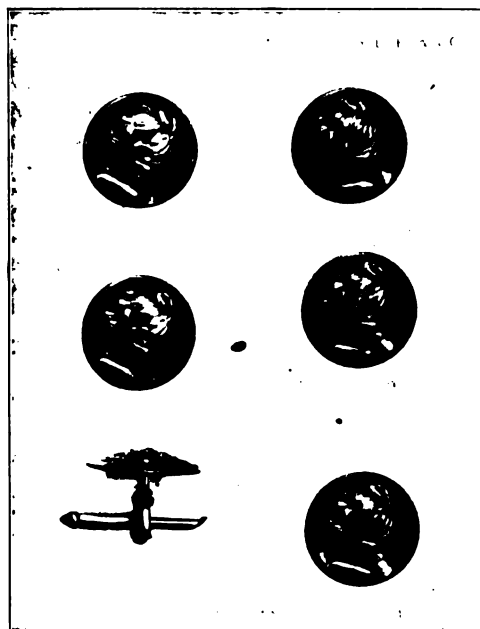




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enamel inlaid with fragments of baroque pearls, edged with a thread of gold. A superb ruby is set in the center of the brooch.

Corsage ornaments are more fashionable than ever before. I noticed among the latest creations in this charming line costly knots of precious stones, surrounded with brilliants. These knots are of very large



FIG. 3.

dimensions and expensive, many costing over \$2,000.

Bracelets are still much in demand. Quite the swell affair of the moment in this line is a delightful bracelet consisting of a rigid gold thread catching in a double hook, adorned with three large turquoise mounted on gold. Near the clasp is a fixed ring in which is engaged the end of a gold pencil, set with turquoise. The other end of the pencil is provided with a chainlet attached to the bracelet. This new bracelet is much worn by women when traveling.

I must also mention the constancy of fashion to the ring of chased matt gold enriched with precious stones.

Prominent in the many varieties of sunshade handles are those in the new art style representing figures of women in the most



FIG. 4.

graceful attitudes. Others, very popular, too, are of hammered matt gold and take the form of an egg on the top of which rests a fly. The body of the insect is formed by an emerald, while the wings are thickly studded with brilliants. Rubies serve as eyes.

For evening wear it is now the fad to carry long purses of mesh gold as large as handbags, wherein are kept handkerchief, fan, lorgnette, etc. These purses are carried in the hand by means of a handsome chain of chased matt gold.

A. L.



## Revised and Supplemental Report on Precious Stones.

George F. Kunz Continues His Report on the Production of Precious Stones in 1901, for the United States Geological Survey.

[The publication of Mr. Kunz's original report was commenced in THE JEWELERS' CIRCULAR—WEEKLY Aug. 13, and was concluded in the issue of Sept. 3. The supplemental report, begun Sept. 17, will be continued in succeeding issues until completed.]

### BORNEO—(Continued).

The Borneo diamonds are celebrated for their clearness and brilliancy, but in reality most of those carried about and sold as such by the Arab traders are African stones, the yield from Borneo being now very small. The diamonds themselves rarely exceed a karat; some are obtained of five or six karats; rarely 12 or 13. A few of 20 karats or more are known. In 1865 one of 25 karats was obtained at Ajampaka, the principal village of the Bordjoe-Irang district, and in 1850, in the same region, one of 77 karats. Tradition states that one of 106 karats and another of 74 had been found previously.

The accompanying minerals in the gravel are gold—in small flakes—platinum, corundum, and rutile. The corundum—in small rolled pieces of variable size, gray, brown, or sometimes fine blue, but not of gem quality—is a frequent associate of the diamond. Whenever it occurs and in proportion to its amount, the natives expect to find diamonds in the gravel, though diamonds may occur without the presence of corundum. The rutile—black or rich dark red, in fragments of small crystals—is an equally close companion of the diamonds, or, according to M. Gascuei, even more so. The black sand which remains after the last washings contain magnetite, titanite iron, chromite, and microscopic crystals of diamond, ruby, spinel, zircon, and topaz.

The Borneo deposits have been worked only in the crudest native style, never in any systematic or scientific way. The method, time out of mind, has been by digging pits, not unlike those of the Burmese ruby mines, which, as in Burma, in some places fairly honeycomb the ground. These pits are square holes, measuring from 1½ to 1¾ meters on a side. The depth is measured by *tangga*, i. e., platforms, of which there are more or fewer according as the pit is carried down to reach the diamond layer. The first of these is placed at 1.6 meters from the surface, and on it stand from two to four men taking out the earth and bailing out the water that comes in very rapidly; the former is passed up in baskets and the latter in wooden basins to other workers at the surface. As the pit is deepened another *tangga* is built at an equal distance below the first, and so on, the men on each receiving the earth and water from below and handing it up to the next set above. When the depth reaches seven or eight meters the inflow of water becomes such as to occupy three men on each *tangga*, and the baskets of earth reach the surface only at long and irregular intervals. Sometimes it compels the abandonment of the pit. If the diamond layer is successfully reached, the pit is carried down through it, and then a short tunnel or drift is run horizontally from each side of the square pit, as far as may prove safe or practicable. As these drifts from neighboring pits approach one another, the ground is extensively undermined and much material is transferred from below to the surface. Sometimes one or more accessory pits are dug for the sole purpose of removing the inflow of water from the main one and its tunnels.

The walls of these pits are protected against caving by a sort of wicker frame, which also holds in place a body of long vertical rods or poles, seven or eight to each side of the pit. To this framework are attached the *tangga*, one suspended from another, and all from horizontal beams laid across the orifice and extending well beyond it, so as to rest firmly on the ground. Grass or dry herbage is stuffed between and behind the poles and framework to aid in excluding the water.

The diamond-bearing material is washed at the nearest stream or pond in a trough made from a hollow log. At each end, about six feet apart, sits a man, and the two push and agitate the clay

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Polished gold and rose finish.

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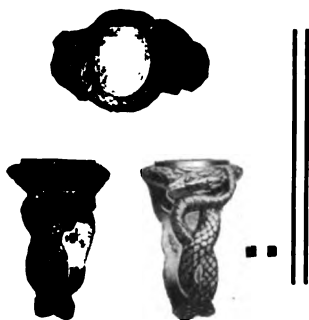
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No. 308. Serpent.



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MANUFACTURERS OF  
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PAPER BOXES. TRAYS. CHESTS.

329-335 BROADWAY

BUFFALO, N. Y.

Estimates cheerfully furnished.

Samples on application.

conglomerate with their feet or hands, or both, to and fro in the trough. When most of the clay is thus removed, the material is transferred in wooden basins to another similar trough, where it is washed by hand and sorted in wicker sieves or baskets having a mesh of about half an inch. The smaller stones that pass through are then taken in small lots for the final washing.

This is a curious process. The washers sit in the water, each having a vessel of low, conical shape (called *ling-gang*), about one foot in depth and three feet in diameter, into which are put four or five decimeters of the material. This *ling-gang* is then rotated on an incline so that in each revolution a part of the water is thrown out, with the larger and lighter stones, by centrifugal force, and then a little water swept in to wash back the finer portions down toward the center, or apex. After several such turns the fine remainder is allowed to settle, the water drained off, and the operator washes the sediment carefully by hand along the side of the cone to see if any diamond is there. This process is repeated until he is sure that no more diamonds remain, or that none were present. The native workers are extremely skilful of hand and keen of eye in all this operation.

The history of diamond mining in this region of Borneo is summed up by M. Gascuel from the work of M. Hooze, before alluded to. The principal activity lasted for about 12 or 14 years, from 1868, when the Dutch government replaced that of native sultans and rajahs. During this time any native was permitted to work a mine for a license costing one florin per month, and under this system the annual revenue from these licenses averaged 44,000 florins. In 1875 the African diamonds began to fill the market and to lower prices; the fatal mistake was then committed of raising the license rate to three florins, with the result that by 1880 the income from this source had fallen to 700 florins. The old rate was after a while restored, but too late to revive the industry. M. Hooze attributes the failure to increasing difficulty in the work to a lack among the Malays of the capacity for association, so necessary in such enterprises and to the fact that most of the population had gone into rice cultivation as a more reliable means of support. M. Gascuel adds as another reason the exhaustion of the most accessible and practicable localities, which is probably much the same as M. Hooze's first reason, above cited. To-day the deposits are almost unworked.

Previous to the Dutch administration the sultans operated the mines, essentially by forced labor. The native workers might retain any gold and any diamonds less than two karats, unless the sultan's representative preferred to purchase them, at 18 florins per karat. All larger stones were reserved for the sultan, who was supposed to pay 20 florins a karat for them; but under this regime the miners practically got little or nothing for their toil.

There are other diamond-bearing districts in this portion of Borneo, in the valleys of the streams entering the sea between the Barito and the Hoosan, toward the east, near the island of Pulo Laut. From this fact it would seem that the sources of the diamond must lie in the line of mountains forming the watershed between the Martapoera Valley and the southern portion of the strait of Pulo Laut. M. Gascuel thinks, from what he has seen of it, that in geological characters the two districts are essentially similar; but the region is abandoned and desolate, especially along the valley of the Koesan, where the only inhabitants now are a few Dyaks roaming through the forest.

### CORUNDUM GEMS. SAPPHIRE.

MONTANA.

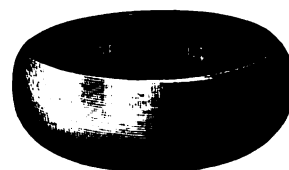
Montana is now becoming famous as a region productive of sapphires, not only those gathered from the bars of the upper Missouri for some years past, but recently and particularly the gems that are mined from the rock in Fergus County, in the now celebrated Yogo district. The rock in which sapphires occur at this point is a basic igneous outflow, the upper portion of which has been eroded away and only the dike left. This dike, nearly vertical, is seen cutting the country rock, which is a hard gray limestone above, underlain by a softer shale. The latter is visible only at the eastern end of the line of workings, where the country falls off to a small basin on the eastern slope of the Little Belt Mountains nearly to the level of the valley of Judith River. This point is about two miles north of the river and 10 miles west of the town of Utica. From this eastern end the



MAKERS OF  
The Original Triple Crown Filled Rings.



Trade Mark Copyrighted.





# DATTELBAUM & FRIEDMAN,

*Makers of* **GOLD RINGS,**

45 JOHN STREET,

NEW YORK.

We have the choicest line—hundreds of patterns to pick from—give a liberal discount and guarantee all goods to be as represented. We also make 10k. gold plain rings. For further particulars call or correspond with us. Established 1875.

## Ladies' Gold Initial Signet Rings.

Pearl Initials,  
2 doz. in box,  
- - - \$31.00



Plain Initials,  
2 doz. in box,  
- - - \$25.00

**BRACHER, BECKER & BARNETT,**

Manufacturers of GOLD RINGS, BROOCH AND ROPE CHAINS,

Also

Twentieth Century Elk Rings.

481 Washington Street,  
Newark, N. J.

## HEINTZ BROS.,

**RINGS**

BUFFALO,  
N. Y.



**RINGS**

BUFFALO,  
N. Y.

We make the largest line of Solid Gold Set Rings in America for the Retail Trade.

dike extends to the summit of Yogo Hill, three miles west, and thence two miles farther across and beyond Yogo Creek, a total exposure of about five miles, its course marked all the way by a line of shafts, drifts and open cuts.

Two companies are engaged in working this dike or "vein," as it is frequently though not correctly called—the new mine sapphire syndicate from the eastern extremity to the crest of Yogo Hill, and the American Gem Mining Co., from that point to and across the Yogo Creek. All the work of the latter company is done by blasting; that of the former is partly by the hydraulic process. The methods employed are a curious combination of those of the California gold-workings and the South African diamond mines. As in the latter, the gangue of the gems is an igneous rock, hard below, but decomposed above, in varying degrees, to a mere earthy mass at the surface. From this last the gems are separated by washing and sluicing, much in the manner of placer gold; though because of the density of sapphires more care is necessary, and the sluice boxes must be inclined to prevent the gems from being carried over the riffles. Most of the new mine syndicate's workings are surface openings and cuts, some of the latter very extensive. Water is carried from Yogo Creek, 10 miles distant, by a ditch and flume, with a parallel hydraulic pipe line, and a system of sluices extends all along the company's workings.

Where the rock is much decomposed the hydraulic process is employed largely; as it becomes harder, powder is necessary to break it up. Then the rock is thrown out in dumps and allowed to disintegrate by exposure to the weather, as with the African "hard blue." This process requires from a month to a year, according to the condition of the material. Sometimes a stream of water is turned on the dumped rock, and the process thus expedited. When sufficiently decomposed, this material is subjected to the same washing process as the material naturally disintegrated.

Some of the open cuts along the dike are very large. One is 700 feet long and 90 feet deep; another, called the "Blue Diamond Cut," is 1,200 feet long and 50 feet deep at its greatest depth. The side of this latter cutting gives a very fine section of the dike, showing the entire gradation from the hard rock below to the soft surface condition. The former is bluish or gray, while the latter becomes brown, reddish, or yellowish, from oxidation of the contained iron. The decomposition has extended to varying depths, in some cases to as much as 50 feet from the surface.

At some points tunnels have been driven several hundred feet into the hard rock, by both of the companies. The dike is fairly uniform in width, and maintains about the same richness in sapphires throughout. In the shale beneath the limestone at the eastern end the rock is somewhat different in character from that elsewhere, more basalt-like than in the limestone.

(To be continued.)

H. N. Edwards has opened a new jewelry store at 440 S. Salina St., Syracuse, N. Y.

## The Bryant Rings.

Are only made of such quality and finish as will afford the customers of all careful Retailers complete satisfaction. They have done this already for more than two generations, and will continue to deserve the confidence of the trade.



1540

Our Line of

# Signet Rings

is complete and  
merits attention.



1542

M. B. BRYANT & CO., 7 MAIDEN LANE, NEW YORK.





Vase 621-Cut 140. "OCTAVUS."

**Straus American Cut Glass.** New patterns, originality and beauty of designs, and great brilliancy distinguish our cut glass, which is for its quality the MOST MODERATELY priced line made. Recommended not for its "cheapness" but for its quality. ILLUSTRATED AND DESCRIPTIVE CATALOGUE.

Some handsome **Cantalus Sets** and finely cased liqueur and wine sets.

**Porcelain Placques.** Hand painted. In rich Florentine gilt frames. The subjects are new and the paintings of a high order of merit. A large range of subjects. All sizes.

**Terra Cottas.** Additions have just been received to our collection of large vases, figures, trays, electroliers and fancy pieces in L'Art Nouveau style. The artistic conception of the subjects, the delicacy of modeling, and the coloring combine to make these goods marvels of their kind. Some extra large terra-cotta plaques and panels, both classic and modern subjects in L'Art Nouveau treatment.

**Berlin Novelties.** Bronze ink wells, desk sets, trays, paperweights, vases, jardinières, etc., in many different styles.

**Electroliers.** Large and small real bronze electroliers. Some with finely carved shell shades. These are entirely new, high class novelties. Also wall sconces, wall panels, etc., with electric attachments, the latest novelties.

**L. Straus & Sons, Manufacturers and Importers,**

Do not fail to call on us when in New York.  
SPECIAL PROPOSITION FOR JEWELERS WHO DO NOT INTEND TO VISIT  
NEW YORK.

If you will send us a discretionary order indicating the classes of goods you desire, and the amount you wish to spend in each, we will give you the benefit of our best judgment and our more than thirty years' experience with the jewelry trade in selecting for you an assortment of the most salable and best goods. A trial order will convince you of the profit in our lines.

42, 44 and 46 Warren St.

and 116 Chambers St.,

NEW YORK.



### American Art at the Turin Exposition.

Silver, Jewelry, Glass and Pottery Displayed at the International Exhibition of Modern Decorative Art.

THE International Exhibition of Modern Decorative Art which is being held at Turin, Italy, under the patronage of King Victor Emanuel II, has made a most gratifying showing to the art world, and especially to those interested in the harmonious and artistic decoration of the modern house. It is the first international exhibition of its kind ever held, and its influence on harmonious decoration can hardly be overestimated.

Among the several countries represented by exhibits the United States took a high rank by virtue of the originality growing out of the new movement in industrial decorative and architectural art. Perhaps

art principles. The failure of France to come up to the standard expected from that country caused some little comment, but it was generally understood that the poor showing was the result of differences among the French Committee.

The exhibition itself is in a very beautiful city of more than 300,000 inhabitants, in the very midst of the loftiest ideals of the mistress of art; and its influence will be felt not only throughout all Italy but throughout the world. The decorative whole, the ideal aimed at, was a triumph of detail which might be called art itself. In the modern house, in its decorative elements, for single and group oils, were artistic sketches; for the ceiling, friezes, panels, etc. of all materials, stone, metal, terra cotta, plaster, sandstone, paste board and natural or composite woods. On exhibition also were doors, windows, chimneys, vases, bricks, tiles, stained and decorated glass, pavements and mosaics in general,

Pottery Co., Cincinnati; the Tiffany Studios of the Allied Arts Co., New York.

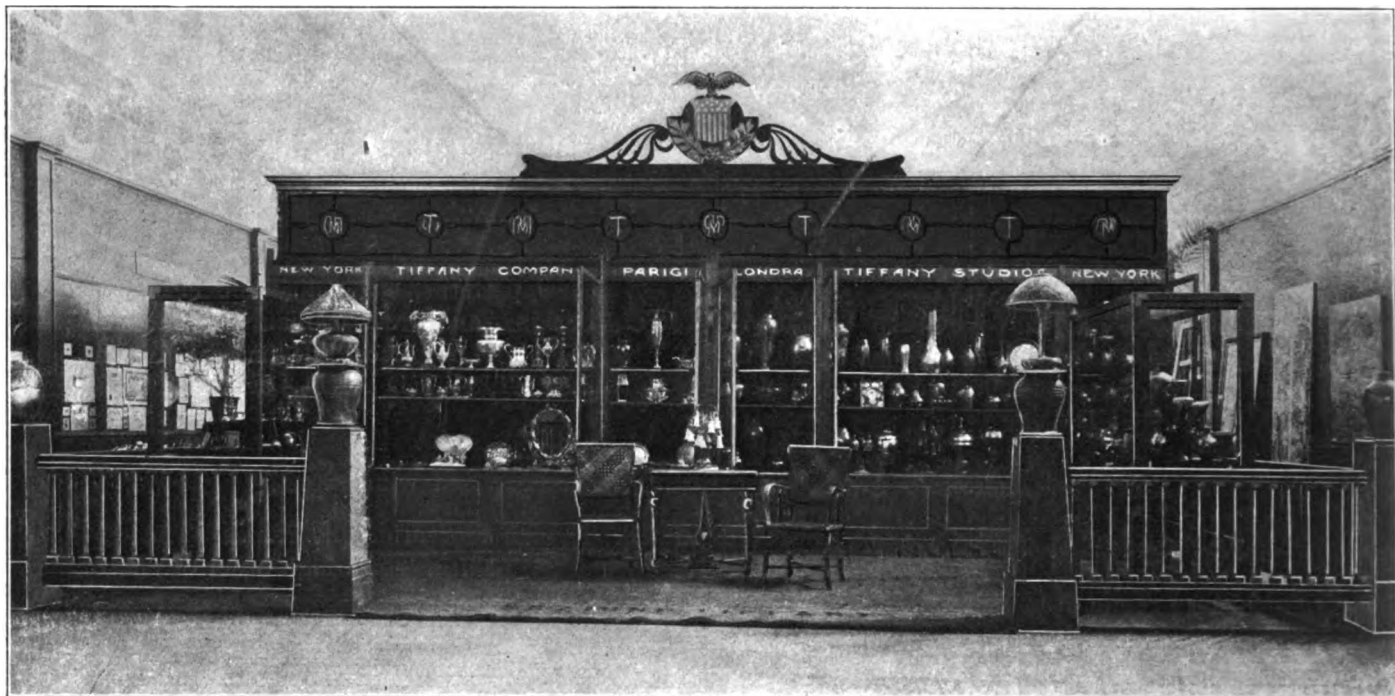
Tiffany & Co., whose exhibit is at the entrance of the exhibition contributed some beautiful specimens of silverware and appropriate jewels. The Tiffany Studios, New York, were well represented by their Faville glass, stain glass, tiling, etc. This exhibit occupied a prominent position in the main building facing the dome.

(To be continued.)

### Prisoner Confesses that He Robbed Altoona Jewelers.

ALTOONA, Pa., Sept. 17.—Chief of Police Tillard has obtained a confession from Geo. R. Anderson, who has been under arrest here for the past week, to the effect that the prisoner was implicated in the robbery of the jewelry store of A. F. Grosscup, 817 12th St., some time ago.

Anderson was caught in the act of trying



FRONT VIEW OF THE EXHIBIT OF TIFFANY & CO. AND THE TIFFANY STUDIOS.

the keynote of the success of the exhibition was struck when the committee in charge decided that there should be certain rigid rules prohibiting the admittance of reproductions of styles already known, and industrial productions wanting of an artistic stamp. The exhibition was open alone to original productions tending to the artistic renewal of form.

The creditable showing which the manufacturers of the United States were able to make is due partly to Gen. L. P. di Cesnola, the director of the Metropolitan Museum of Art, New York, who was the Commissioner General in the United States for the exhibition, and to the high artistic standing of the American wares represented.

Among other countries represented were England, Germany, Russia, Austria, Italy, Switzerland, France and the United States. Austria was the only country that possessed a pavilion of its own which was entirely constructed on new

artistic hangings, lacés, coppers, linings, wall papers, basket work, arms and other accessories, warming apparatus, lighting apparatus, furniture, silver, jewelry, enamels, decorative plates, seals, plaques, posters, prints and the productions of the decorator's craft.

The disciples of the new art never had a better opportunity to show their devotion to their cause and to the rules laid down, and the entire exhibition, through their efforts was stamped with success.

Royalty throughout Europe visited the exhibition and from crowned heads down to princes and princesses all were highly pleased with the results which they saw there.

No awards have yet been made, but it is safe to state that when they are distributed the United States will be proud of the firms represented there, among whom were the Gorham Mfg. Co., New York; Tiffany & Co., New York; The Rookwood

to rob Lampe & Co.'s store and after his arrest was identified by his picture, as the man who had pawned a mandolin stolen from Grosscup's jewelry store. The mandolin was found in Johnstown and the chief took the picture of Anderson to that city, where it was identified by the pawnbroker as that of the man who had pledged the instrument. Chief Tillard then lodged a charge of burglary against Anderson and he has been held on that charge.

Since Anderson's arrest and confession the police report that about \$1,000 worth of stolen jewelry has been unearthed. The prisoner is said to be a former member of the United States Army and has served in the Philippines.

The store of Pancoast & Shaw, Bridge ton, N. C., was recently entered by burglars, who ransacked the money drawer and stock. The exact loss has not yet been estimated by the firm.



### Death of John Bally.

ELMIRA, N. Y., Sept. 19.—John Bally, senior member of the jewelry house of John Bally & Son, 330 E. Water St., was buried to-day. Mr. Bally's death, which occurred Tuesday at his home, 311 Columbia St., was due to heart failure, superinduced by acute indigestion.

The deceased was a prominent citizen of this city as well as one of its oldest jewelers. He was born in Geneva, Switzerland, July 15, 1827, and attended school and college in his native country. In early life he learned the trade of watchmaker, and when 21 years old he left Switzerland to seek his fortune in the United States.

He located first in New York, where he became employed as watchmaker by the old house of Ball, Black & Co., and shortly afterwards moved to Oswego, where he remained for about three years. During his stay in Oswego he married Miss Clara Dickinson, and later moved to Buckingham and finally to Deposit. In this last place he remained for 14 years, and during his stay there his wife died, and he subsequently married Miss Harriet Marvin.

Toward the latter part of the Civil War Mr. Bally joined the 144th New York Volunteers and served until 1865. After the war Mr. Bally moved to Elmira, which city was his home for the remainder of his life. The firm of John Bally & Son, of which Louis E. Bally, Jr., is a member, was the one interest to which the deceased devoted all his energy until he retired from business a short time ago. Besides being a practical jeweler and a successful merchant, Mr. Bally was also an artist of considerable ability.

The deceased was a Mason, was a member of the Patriarchs' Club, and was one of the oldest members of the Park Church. He is survived by his seven children—four sons and three daughters.

### Burglars Rob Oskaloosa Jeweler and Escape.


OSKALOOSA, Ia., Sept. 17.—The police of this city are hard at work trying to discover the burglars who, Friday night, broke into the store of Wm. Morris, 109 W. High Ave., and stole watches and jewelry estimated to be worth about \$800.

The thieves either used a skeleton key or secreted themselves in the building before it was closed at night, as the following morning the building was found to be locked both back and front, and the loss was not discovered until after the store had been opened by a clerk.

No trace of the thieves has been found, but they are believed to be the same gang who, last week, robbed several stores at Ottumwa, Ia.

Harry N. Clark, Cazenovia, N. Y., has been succeeded by H. N. & W. W. Clark, who have removed the stock to a new store.

The death is announced of E. J. Chapin, a former resident of Tolono, Ill., but lately residing in Indianapolis, Ind. Mr. Chapin had been for a number of years engaged in the manufacture of jewelers' and sundry other tools.



# THE SUCCESSFUL SECURITY

A POINTLESS OPEN SETTING OF UNUSUAL MERIT, PROTECTING THE GEM FROM LOSS OR BREAKAGE, BESIDES GREATLY INCREASING ITS BRILLIANCY AND BEAUTY.

**SCHRADER-WITTSTEIN CO., MFG. JEWELERS, Est. 1863.**  
**NEW YORK, 21-23 MAIDEN LANE. CHICAGO, 103 STATE STREET.**  
**ORDER THROUGH YOUR JOBBER OR DIRECT. WRITE FOR PRICE LISTS.**



## We are Fishing for your business



And the bait we are using is a superior line of high-grade rings. Not only is it superior in quality, but it is quite different from the regular run of ring lines—has a whole lot of character to it that makes it stand out exceptionally strong, adding to its value but adding nothing to the cost of the individual specimens that go to make up the complete show. It's all in the knowing how and—we know how.

If you are not on the route of any of our travelers, would suggest that you allow us to unfold our Special Ring Proposition by mail. With the fall season and holidays approaching the proposition carries added interest to the wide awake jeweler. Fill out the corner coupon—we'll do the rest.

## Louis Kaufman & Co

### RING MAKERS

New Factory & Offices. Columbia and Green Sts.  
**NEWARK, N.J.**

J. C. Sept. Send us AT ONCE your special RING PROPOSITION. We want to know about it.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_



**A Jeweler  
up-State in  
Pennsylvania  
bought 12 10-K.  
Filled Htg.  
Engraved Cases,  
assorted makes,  
of which 3 were**

# The Royal

**All were placed  
in one tray, and  
buyers were left  
to choose,  
without suggestion.  
The 3 Royals  
were all sold  
before any one  
of the others.  
There's a  
moral in this.**

**Philadelphia  
Watch Case Co.,  
RIVERSIDE, N. J.**

## Career of the Late Thomas Griggs See.

YONKERS, N. Y., Sept. 17.—Thomas Griggs See, a notice of whose death, Sept. 12, appeared in the last issue of THE CIRCULAR-WEEKLY, has been succeeded in the jewelry business which he so long conducted at 23 Main St., by Chas. P. Ward, the former manager of his store.

The funeral services, which were held Saturday, took place from the deceased's late residence, 4 Maple St., and were largely attended. The interment, Monday, as already stated in these columns, was at Perth Amboy, N. J.

Although born in New Jersey, Mr. See was practically a New Yorker, as his father and grandfather before him had been residents of New York City, and the deceased in the early part of his career lived for a long time at Tarrytown and Staten Island. Originally he learned the trades of baker and of shipbuilder, and it was practically through an accident that he took up the jewelry business when about 25 years old.

After learning the trade he conducted a store at Perth Amboy for some years, and in 1868 moved to Yonkers, where he opened business on New Main St. Later his store was for some years on S. Broadway, and finally brought to Main St. When the Saunders building was erected, at 23 Main St., about 16 years ago, Mr. See moved his business to that address and remained there until his death.

The deceased prospered in his business and was well known and well liked in his community and in his trade, and continued alone until about 10 years ago. At that time illness caused him to give up personal attention to the business, and the management of it was turned over to Chas. P. Ward, who has continued in charge ever since.

The deceased was never married, and his nearest surviving relatives are two cousins, Mrs. Brown of Brownstown, N. J., and Mrs. Mount of Perth Amboy, N. J.

H. F. Yergey, Columbia, Pa., is replenishing his jewelry stock for the holiday trade.

## Indianapolis Jeweler Exonerated After Being Arrested on a Silly Charge.

INDIANAPOLIS, Ind., Sept. 17.—Ikko Matsumoto, a jeweler at 17½ S. Meridian St., was arrested Monday on the complaint of one of his customers, but was yesterday completely exonerated by Judge Conaway when the case was tried in the Police Court.

The arrest was made on the complaint of Rose McNamara, who alleged that she had left a ring with Matsumoto to be repaired and that a part of the gold was taken from it. When the detective called at the jeweler's store, the latter thought the matter a joke at first, and was shocked when he found he was to be taken into custody.

In court he proved that if any gold had been taken from the ring it was not more than a few cents worth, and that was due to the filing necessary in the work of repair. The Judge stated that the evidence was of the most flimsy character, and, in acquitting the jeweler, said he hoped his business would not be affected by the unpleasant notoriety.

## Abram Waananen to Change His Name to Warren.

CALUMET, Mich., Sept. 17.—Abram Waananen, a jeweler of this place, will hereafter be known as Abram Warren, at least as soon as the petition which he has filed for the change of name shall have been granted.

Mr. Waananen and his brother August have both taken legal steps to have their name changed, claiming that its spelling and pronunciation are so difficult as to interfere with their business. The two men are Finnish, but have become thoroughly Americanized and desire an American name.

The People's Department Store, Waterloo, Ia., was recently entered by burglars, who escaped with \$400 worth of jewelry. Bloodhounds were placed on the trail, but finally lost the scent.

**IMPORTERS, EXPORTERS,  
JOBBER, MANUFACTURERS.**

## W. Green & Co.

SUCCESSORS TO  
**GREEN BROS.**

MANUFACTURERS OF THE CELEBRATED



**IMPERIAL**

WALTHAM 2203

WATCH MATERIALS, TOOLS,  
JEWELERS' AND ENGRAVERS'  
SUPPLIES.

**6 MAIDEN LANE, NEW YORK.**

**Our Cardinal Points:**

- 1st—Accurate and Rapid Filling of Orders
- 2nd—Unlimited Stock.
- 3rd—Right Prices.
- 4th—Best Grade of Goods.

**"We handle everything known to the trade and solicit correspondence."**



**If all the Jas. Boss Filled Cases  
that have been made since 1853  
were gathered together and**

**laid in  
a row,**

they  
would  
extend  
331½  
miles.

**Put in the scales,**

they would kick the  
beam at 258 tons.

**If piled upon each other,**

the monument would  
tower 437,516 feet.

**Measured,**

they would  
fill 16,186 bushels.

**By count,**

there would be  
over 7,000,000.

***The* Keystone Watch Case Co.,**

19th and Brown Streets, Philadelphia.



# A. & B. HEADQUARTERS

FOR

## Waltham Watches

EVERY GRADE.

**Solid Gold, Gold-Filled  
and Silver Cases, em-  
bracing all sizes, and  
in complete variety  
of designs.**

**AVERY & BROWN,**  
68 Nassau St., New York.

### E. S. Hunter Arrested After Offering Worthless Draft to Jeweler.

DETROIT, Mich., Sept. 18.—Ed. S. Hunter, alias W. L. Clark, was arrested last night on the charge, "suspicion of forgery," the complaint being made by John Kay, of Wright, Kay & Co., jewelers, of this city. About 10 days ago Hunter paid cash for about \$50 worth of jewelry, and last Tuesday he selected a diamond ring and a gold watch, but did not take them with him. Last night, just before the store closed, Hunter presented a \$500 New York draft on the Traders' Bank, but the cashier turned it over to Mr. Kay, who at once became suspicious. It had apparently been made out by M. D. Miller by a bank at Plymouth, Mich. Mr. Kay called up Plymouth by telephone and ascertained that the draft was worthless. Hunter became indignant, took the draft and left the store.

Mr. Kay notified police headquarters, and Hunter was arrested at the Hotel Ste. Claire together with one Ed. Miller, a horseman. Investigation showed that Hunter had tried to pass a \$200 check on Landlord Beyer and cashed a check for \$250 at a Windsor race track book stand. He had \$192 in cash when arrested.

### Judgments Entered Against a Philadel- phia Diamond Dealer.

PHILADELPHIA, Pa., Sept. 19. — John Woodson, a diamond dealer and well known to the trade as the only colored expert in gems in this city, is in financial straits. Woodson has for the past year been con-

ducting a pawnbroker's establishment at 1923 Market St. He was formerly in business as a diamond broker on Sansom St.

Judgments against him aggregating \$4,609.59 were entered in Common Pleas Court No. 3 last week by Wm. Kleinfelder on three notes for \$2,100, \$800 and \$1,100, and dated respectively Sept. 3, 1901; Jan. 20, 1902, and Feb. 21, 1901, all payable in one day after date. Execution was issued for \$4,609.59. Another judgment for \$116.52 was also entered by H. Rosebone.

### Jeweler Leaves Store Unlocked and Loses 25 Watches.

LA CROSSE, Wis., Sept. 17.—The police of this city are hard at work trying to discover the thief who, on Sept. 11, cleverly stole 25 watches from the repair rack of A. J. Ness, of this city.

Mr. Ness had gone home to supper and had forgotten to put the spring latch on the door of his store. When he returned the store was open and the watches gone. Although the safe was also open and there were many valuables lying loose therein, nothing was taken but the watches.

The robbery was kept secret until the latter part of last week to facilitate the work of the police in discovering the thieves. They were not successful, however, and the facts were then made public.

Sam. I. Shaner, who has been in ill health and in St. Francis Hospital, Burlington, Ia., expects to resume business very soon in New London.



Be sure that trade-mark (25 years Guarantee) is on the inside. The case will outwear its guarantee.

TRADE-MARK

HIS FIRST WATCH

When you buy a watch for your son insist on having it put in a

## Wadsworth Watch Case

When he is as old as you, the watch will be as good as new. Strength, rigidity and finish guaranteed for 25 years. An inferior case rarely lasts over five years. A Wadsworth Case is as good an investment as a Government Bond. Best worth and wear; superior strength and mechanical perfection; resists jar and jolt as does no other watch case. Protects the works absolutely from dust and moisture, lessens the liability to accident and adds years to their life.

Write for free booklet.

THE WADSWORTH WATCH CASE CO.  
Dayton, Ky.

The advertisement on the side is one of a series that is telling people about the Wadsworth Watch Cases, and is appearing in such publications as *Century Magazine*, *Munsey's*, *Delineator*, *Engineer's Journal*, etc., publications that go into the homes of your customers and people whom you would like to have as customers. We rely on you to furnish

## Wadsworth Watch Cases

to the people we send to your store. Our complete line of cases for the Fall and Winter trade is now in the hands of jobbers. Do not fail to see them and put in an assortment to meet first calls. There will be a larger demand for Wadsworth Cases than ever before.

THE WADSWORTH WATCH  
CASE CO.,

Dayton, Kentucky.

(Specimen Adv.)



# Elgin Pride



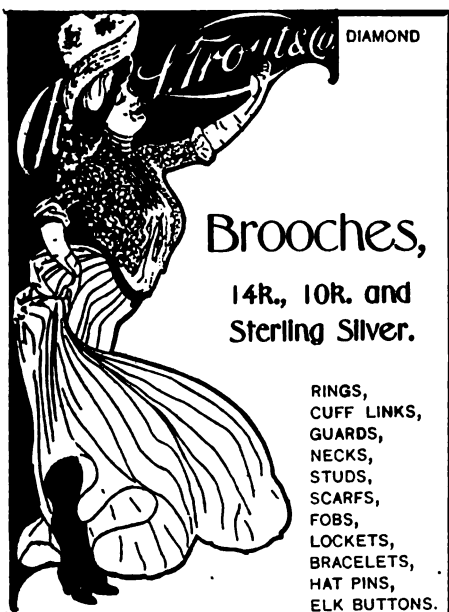
Looking  
over  
the Jewelry  
Field  
through  
the  
quality of  
the  
**ELGIN  
PRIDE**

It is impossible to find a jeweler who would not increase his business by handling this  $\frac{1}{4}$  Gold 14 Karat Case. It has a perpetual guarantee behind it. Quality, Beauty and the Right Price. ❖ ❖

**Illinois Watch Case Co.,**  
ELGIN.

-R.W.COX-





## Brooches,

14K., 10K. and  
Sterling Silver.

RINGS,  
CUFF LINKS,  
GUARDS,  
NECKS,  
STUDS,  
SCARFS,  
FOBS,  
LOCKETS,  
BRACELETS,  
HAT PINS,  
ELK BUTTONS.

### "Runaway Girl" and "Florodora"

BASH, HAT, BROOCH AND CUFF PINS, WAIST SETS,  
CUFF LINKS, TIE CLASPS, FOBS, BELT PINS, IN  
ARTISTIC FRENCH GREY STERLING SILVER.

## CATALOGUE

READY ABOUT SEPTEMBER 20TH, OF

Ebony, Gun Metal and Leather  
Novelties.

CHAS. L. TROUT & CO.,

5 AND 7 MAIDEN LANE,

NEW YORK.

### Chronometer Repairers Forbidden to Board Incoming Ships Without An Official Permit.

SAN FRANCISCO, Cal., Sept. 17.—Orders have been given to all customs inspectors at ship's gangplanks here not to admit chronometer men on board vessels unless they present a permit from the Collector of the Port duly signed and sealed.

When a ship makes port it is the usual custom to send her chronometers ashore to be adjusted. It is alleged that certain firms board ships four miles out at sea to get the ship's clock to adjust and it was recently discovered that somebody had been smuggling new chronometers ashore from foreign ships.

As a result, the dealers who pay duty on imported chronometers suffered and now that the fraud has been detected some of the customs inspectors recall that they have seen supposed clock men coming down a gangplank carrying as many as 10 chronometers.

It is said that even the ships' water casks have been used in defrauding the government and the inspectors have been ordered not to allow a single cask to leave a ship until it is carefully sounded and examined.

### Held Under Bail Charged With Robbing Jewelry Store a Year Ago.

HAMILTON, O., Sept. 17.—Geo. R. Willard, against whom an indictment was found some time ago, charging him with being implicated in the robbery of \$2,500 worth of diamonds in the jewelry store of Mrs. A. Seidensticker, of 237 High St., was arrested

here to-day. The robbery mentioned in the indictment occurred Aug. 8, 1901.

Mr. Willard has given a renewed bond for \$2,500 and the case was continued until the second week in October, after which the accused left for Chicago.

### United States Silver Corporation In- creases Its Capital Stock.

TRENTON, N. J., Sept. 20.—The United States Silver Corporation yesterday filed an amended certificate increasing its capital stock to \$6,150,000. The company was incorporated Sept. 10, as was reported in the last issue of THE CIRCULAR-WEEKLY, with a capital of \$3,000,000.

Under the New Jersey law a corporation has the privilege of increasing its capital stock before organization and before any part of the capital has been paid in. The amended certificate of the United States Silver Corporation states that \$3,500,000 of the capital is to be used only for redeeming and converting bonds.

### Death of Chas. J. Cleaves.

SACO, Me., Sept. 17.—Chas. J. Cleaves, of this city, who died Saturday night in this city, was well known and prominent for many years as a jeweler.

The deceased was born in Biddeford 75 years ago and had a long career in the jewelry trade of that city. He has been out of the business for some time.

The deceased was a Mason and was a member of the Dunlap Lodge of Biddeford.

Christopher B. Beck has moved his stock from Dawson, Ga., to Richland, Ga.

# Its record is its best argument.

We can't say anything of the *Crown Filled Case* that is so convincing as its own record through 25 years. History is better than prophecy; *Crown* promise has always been matched by *Crown* performance. . . . .

**CROWN 14K.,** guaranteed for 25 years.

**CROWN 10K.,** guaranteed for 20 years.

## Philadelphia Watch Case Co.,

Riverside, N. J.

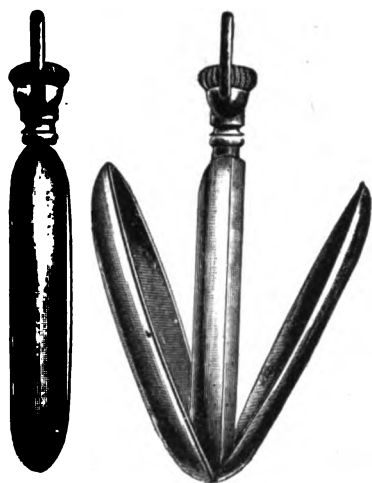




CRESCENT "EXTRA" GOLD FILLED CASES ARE A LITTLE HIGHER IN PRICE, BUT A GREAT DEAL HIGHER IN QUALITY, IN FINISH, IN WORKMANSHIP, IN DESIGN—IN FACT, IN EVERYTHING.





**MOST COMPACT****AND THINNEST  
DUST-PROOF****HUNTING and OPEN FACE****GOLD CASE****MADE IN THE WORLD****FOR****AMERICAN MOVEMENTS.**Made in all shapes, engine turned,  
engraved or plain.

Copy Patent, April 24, 1894.

**DUBOIS WATCH CASE CO.,**

21-23 Maiden Lane, N. Y.

**"Practical Course in Adjusting."**

Price \$2.50.

All Jobbers or Jewelers' Circular Publishing Co

**Daring Thieves Smash Cleveland Jeweler's Window and Escape With Jewelry Worth \$500.**

CLEVELAND, O., Sept. 20.—A bold robbery took place at the store of J. H. Heiman, 144 Euclid Ave., about 2 P. M. Thursday. Three men deliberately kicked in the large plate glass in the angle of the window next to the front entrance and gathered up all the rings and watches in reach, after which they disappeared in the alley adjoining the Colonial Arcade.

A street car was passing at the time and on board was a friend of Mr. Heiman, who immediately notified him of the robbery. An officer also saw the men and gave chase, revolver in hand, but after running down Bond St. the thieves escaped and have not been seen since.

Two or three trays were found in the first alley the men entered, where three rings were also picked up. The other trays were found further along the route taken by the thieves. The stolen goods included 120 gold rings, 30 silver rings and six watches, as far as Mr. Heiman could tell, all valued at between \$500 and \$600.

The fact that one of the men stood on the street in full view of an officer and lighted a cigar before he took to his heels shows that they had considerable nerve and were probably accustomed to such work. Mr. Heiman carries burglary insurance both on his safes and the goods outside, so will lose nothing in case the goods are not recovered.

**Pennsylvania Merchants Plan Campaign Against the Trading Stamp.**

SCRANTON, Pa., Sept. 21.—The sixth annual convention of the Retail Merchants' Association of Pennsylvania was held here, Sept. 16, 17 and 18, and was one of the most successful meetings in the history of the organization.

Among the subjects awakening the most general discussion were those referring to legislation for the abolition of the trading stamp system and the organization of a retail merchants' fire insurance company.

Hon. William Drury, of Pittston, ad-

ressed the convention on Wednesday on the subject: "The Best Methods for Procuring Legislation for the Retail Merchants." P. M. Malloy, of Williamsport, spoke on "How to Apply the Existing Laws for the Abolition of the Trading Stamp."

**Indiana Jewelers' Association to Fight Competition by Department Stores and Peddlers.**

INDIANAPOLIS, Ind., Sept. 18.—The Indiana Jewelers' Association met in annual convention yesterday afternoon at the Denison Hotel. The association, as already mentioned in THE CIRCULAR—WEEKLY, was organized in this city last May and has developed a strong membership.

At the former meeting a committee was appointed to draft a platform and by-laws, which committee was composed of W. V. Foster, Tipton; C. W. Allen, Valparaiso, and J. Whistler, Marion. The committee report was received and the platform and by-laws adopted.

The principal feature of the meeting was a discussion as to the best measures to be taken to protect the retail jewelers in Indiana from competition by peddlers and department stores. This subject will be presented to the next State Legislature probably in the form of a proposed law. An effort has been made to interest Indianapolis jewelers in the association, but many claim that they were ignored at the time of the organization and they do not wish to join now.

The officers of the association are: President, Joseph Hummell, Muncie; vice-president, William Haseltine, Kokomo; secretary and treasurer, R. E. Scott, Muncie.

C. F. Maurer, Lexington, Ky., is in Chicago selecting goods for his new jewelry store, which he expects to open very soon.

Zimmermann Bros. store, La Salle, Ill., was recently entered by burglars, who escaped with a quantity of jewelry. A blind man and a cripple, who were in the store at the time, were suspected, but proclaim their innocence and, it is reported, have threatened to bring suit against the jewelers.

*The* Best Selling and Most Complete  
Line of **HALL CLOCKS** is made by

**FRANK HERSCHDE,**Office and Salesroom,  
24 East Fourth Street,**Cincinnati, Ohio.**

Factory, 511, 513, 515, 517 West Second Street.

Stock ready for immediate delivery.

Send for Catalogue and Price List.



Our New

**A.W.C.CO.** 14 and 18 k.

# Colonial and St. Louis Cases

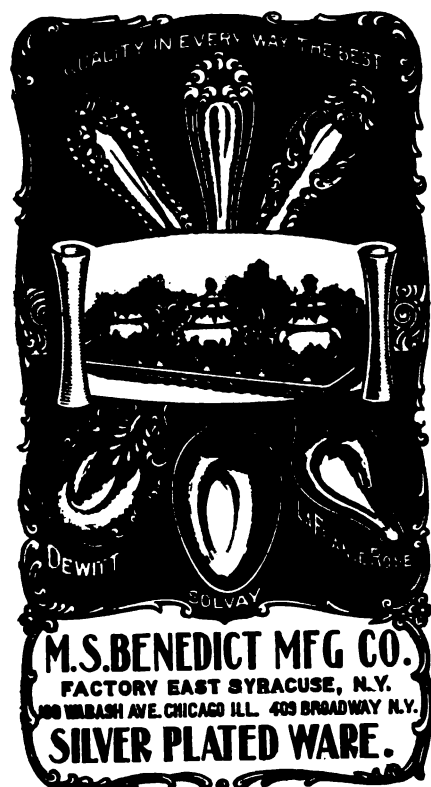
are now ready for delivery.

Stamp **A.W.C.CO.** in cases.

A sure sign of satisfaction  
to dealer and wearer.

American Watch Case Co.,

9-11-13 MAIDEN LANE, NEW YORK, N. Y.



## ROY Watch Case Company

MAKE SOLID GOLD CASES ONLY.

21-23 MAIDEN LANE,  
NEW YORK CITY.

**The Jewelry Repairer's Handbook**

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co., 11 John St., New York.



## The "BLUE BOOK"

## The "RED BOOK"

## The "OUTING BOOK"

## The "BROOCH BOOK"

*These four books show everything in Watches: for every season, for every taste of every section of the country, for boy, girl, man or woman: for fun, outing, trophy, gift, memento, business or fashion—formal or informal. Every size from the smallest 8-ligne to the largest 18 size. Every casing from nickel to solid gold. Every form of design, from plain to hand engraved and iridescent enameled. All serviceable and warranted whatever the size or grade: all timed and tested in the cases before shipment and ready for the wearer, without adjusting or fussing of any kind. It's a stunningly attractive line. Get your season's orders in early.*

## New England Watch Co.,

37-39 Maiden Lane, New York.  
131-137 Wabash Ave., Chicago.  
Spreckles Building,  
San Francisco.

### Bold Window Smasher Captured at Manchester, N. H.

MANCHESTER, N. H., Sept. 19.—A bold window robbery was attempted this afternoon at the store of A. E. Dumas, 1129 Elm St., and as a result Henry Lloyd, 65 years old, is now in custody.

While arranging some stock in the window shortly after 2 p. m., Mr. Nourey, a clerk employed by Mr. Dumas, saw a man walk across the street with a stone in his hand and deliberately throw it through the heavy plate glass of the window. The clerk immediately called to Mr. Dumas, who rushed outside.

In the meantime the thief had put his hand through the hole and attempted to take out a tray containing nine watches. The tray was too large to pass through the hole, but the thief grabbed the watches and ran down the street.

Mr. Dumas, who was in pursuit, captured the thief, and with the aid of bystanders, took the watches away from him. The man's hand was found to be badly cut and scratched and after the wounds were dressed at a drug store he was then locked up. The thief gave his name as Henry Lloyd.

### American Watch Tool Co. Absorbed by a New Concern.

WALTHAM, Mass., Sept. 21.—It is reported here that an important deal has just been consummated by which the American Watch Tool Co. has practically passed into the possession of the Loop Lock Machine Co., of Boston.

The absorbing company, it is said, will manufacture stitching machinery in addition to watch tools. It has elected Henry M. Fischer president and Cyrus A. Barton treasurer and general manager.

The American Tool Co. was started by the late Ambrose Webster and John E. Whitcomb and the concern was one of the most prominent in the lathe and watch tool business in the country.

### Arrest Made in Proceedings Against Tontine Diamond Co.

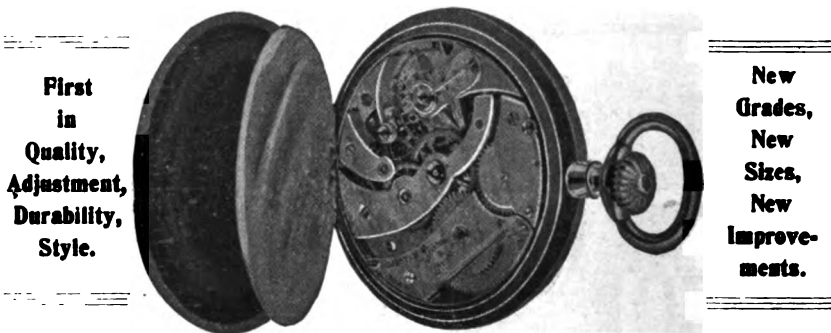
DES MOINES, Ia., Sept. 17.—Horace Susong, of this city, was arrested Monday on information sworn out in St. Joseph, charging him with conspiracy to defraud. Mr. Susong and the officers of the Equitable Diamond Co., of Omaha, are the defendants in the suit. Susong was taken into custody and held as a fugitive from justice to await extradition papers.

Mr. Susong's attorneys immediately made application for a writ of habeas corpus, and the defendant was admitted to bail in the sum of \$1,000. The case will come up for a hearing on Friday, when the attorneys will fight the extradition. Mr. Susong claims that he is not connected with any of the several companies mentioned as co-defendants in the case, but is simply a collector for the Equitable Diamond Co. and never held an office in the concern.

Information on which the arrest was made was sworn out by R. L. Scott and Jas. W. Gregory, who alleged they are victims of the company and claim that it operated a tontine diamond scheme.

# Always in the Lead

AMONG HIGH GRADE WATCHES.



## Vacheron & Constantin,

GENEVA, SWITZERLAND.

FITS ALL SIZES  
OF  
AMERICAN CASES.



SPECIAL GRADES  
FOR  
RAILROAD MEN.

**EDMOND E. ROBERT,** 3 MAIDEN LANE,  
NEW YORK.  
SOLE AGENT.



# Omega Watches

ARE GOOD TIMEPIECES.

The O size,  
" 12 "  
" 16 "

7  
and 15  
Jewels

cased in Gold Filled or Solid Gold  
Cases, either Hunting or Open Face,  
are very good sellers.

AGENTS FOR HAMILTON AND ALL AMERICAN MOVEMENTS.  
FULL LINE OF ALL MAKES OF CASES CONSTANTLY ON HAND.

SEND FOR PRICE LIST.

## CROSS & BEGUELIN,

Established 1863.

17 MAIDEN LANE, NEW YORK.

Here's a mighty handy thing to have in stock  
when the frequent need turns up.



Sometimes, or often, you find a customer who wants something better than a 7-jeweled movement, but balks at the price of a 15-jeweled. For just such emergencies you need an **11-jeweled** movement, to save the sale and please the customer.

The **United States Watch Co.** takes thought of this urgent need of the trade, and furnishes 11-jeweled movements, in 16 and O sizes, that are creditable to its general policy of manufacturing **the right kinds at right prices.**

**UNITED STATES WATCH CO.,**  
of Waltham, Mass.



# 28 out of 45 PRIZES

were awarded to

## PATEK, PHILIPPE & CO.

In the timing contest of the Astronomical Observatory in Geneva, for the year 1901, comprising the First Series Prize, all the three First Prizes, the only Second Prize, four Third Prizes out of six, three Fourth Prizes out of six, four Honorable Mentions out of eight, and twelve Single Mentions out of nineteen.

68 NASSAU ST., NEW YORK.

GENEVA, SWITZERLAND.

## JULES JÜRGENSEN

### Watches and Chronometers

Have Received the Highest "Possible" Award,

### Paris—"The Grand Prix"—1900

Sole Agents, SCHULZ & RUDOLPH,

28 John Street and 65 Nassau Street,

NEW YORK.

## PAUL DITISHEIM,



Watch Manufacturer, La Chaux-de-Fonds.

### THE GRAND PRIX,

PARIS, 1900.

**SMALL LADIES' LEVERS AND CHRONOMETERS A SPECIALTY.**  
High-Class Ornamental Watches Decorated by Leading Craftsmen.

Just Awarded—State Prizes and Honors for highest records ever obtained for chronometers at the Neuchâtel Swiss Observatory (Prix Générals, 1897-08-1001).

Telegraphic Address, DITIS, Chaux-de-fonds.

## BOTH ARE SATISFIED

YOU AND YOUR CUSTOMER  
WHEN YOU SELL AN

### "E. HOWARD & CO." WATCH.

HE HAS A FIRST-CLASS WATCH.

YOU HAVE A FIRST-CLASS PROFIT.

WRITE FOR AGENCY TO

### THE E. HOWARD WATCH COMPANY,

403 WASHINGTON ST.,  
BOSTON, MASS.

E. Howard & Co.  
Boston.

TRADE MARK  
ESTABLISHED 1842.

WE MAKE MOVEMENTS  
TO FIT REGULAR  
AMERICAN CASES.

### Bids to Supply Table Ware for United States Transport Service.

PHILADELPHIA, Pa., Sept. 24.—Among the proposals for army transport supplies submitted to Col. John V. Furey, Assistant Quartermaster General, U. S. A., and opened Saturday at the headquarters at 1428 Arch St., were bids for silverware, silver plated ware, German silverware, knives and forks, etc.

The bids on the silverware were scheduled and sent to Washington for award to the lowest responsible bidders. For the silverware the bids were as follows: 1,800 dessert forks—J. Spencer Turner Co., New York, \$2.66 a doz.; Wm. Hodges & Co., Philadelphia, \$2.52 a doz.; John Wanamaker, \$2.74 a doz. For 1,800 dessert knives—J. Spencer Turner, \$1.84 a doz.; Wm. Hodges & Co., Philadelphia, \$1.95 a doz.; John Wanamaker, \$2.15 a doz. For 1,000 table knives—J. Spencer Turner Co., \$1.90 a doz.; Wm. Hodges & Co., \$2.02; John Wanamaker, \$2.55. For 1,000 dessert spoons—J. Spencer Turner, \$2.66; Wm. Hodges & Co., \$2.52, and John Wanamaker, \$2.74. For 1,200 tea spoons—J. Spencer Turner Co., \$1.48; Wm. Hodges, \$1.50, and John Wanamaker, \$1.65. For 15 soup ladles—J. Spencer Turner Co., \$16.10 doz.; John Wanamaker, \$1.58 each. For 300 nutcrackers—J. Spencer Turner Co., \$4.75 doz., and John Wanamaker, \$4 doz. For 150 egg spoons—J. Spencer Turner Co., \$1.39 doz.; John Wanamaker, \$1.65 doz. For 10 cheese scoops—J. Spencer Turner Co., \$5.60 doz. and John Wanamaker, 74c. each. For 40 pickle castors—John H. Gault, Philadelphia, \$11.45 each, and John Wanamaker, \$11.55 each. John Wanamaker was the only bidder for 500 individual pepper bottles at \$10.65 doz.; for individual salt bottles, \$10.65 doz., and 100 bottles for pickle castors at 97c. each.

For German silverware the bids were: For 2,400 table knives, J. Spencer Turner Co., 7½c. each; Wm. Hodges & Co., \$1.05 doz., and John Wanamaker, \$1.05 doz. For 1,400 table forks, J. Spencer Turner Co., 9c. each; Wm. Hodges & Co., \$1.10 doz., and John Wanamaker, \$1.17.

### Death of Chas. Schreiber, Sr.

SCRANTON, Pa., Sept. 18.—Chas. Schreiber, Sr., a German watchmaker of 1205 Cedar Ave., was buried this morning from St. Mary's Church. The deceased died Monday at his home, 738 Beech St., of gangrene.

Mr. Schreiber's wife died six weeks ago, and he is survived by three sons and one daughter.

WATCHES OF PRECISION.



12 SIZE MOVEMENTS.

## Mathey Bros., Mathez & Co.

Manufacturers and Importers of

### Superior, Plain and Complicated Watches.

Sole Agents for

### CHAS. H. MEYLAN.

SMALL WATCHES A SPECIALTY.

Brassus, Switzerland.

21 MAIDEN LANE, NEW YORK.

WATCHES DEMAGNETIZED.



12 SIZE SPLITS.



# **The W. J. JOHNSTON COMPANY,**

**Fifth Avenue and Market Street, . . PITTSBURG, PA.**

ORDERS FILLED PROMPTLY FOR

## **High-Grade American Watch Movements**

AND ALL GRADES AND SIZES

MADE BY THE

## **LEADING WATCH COMPANIES.**

Your wants in Watches and Jewelry will have prompt and satisfactory attention.

*Our complete Watch Catalogue and Price List sent on application.*

# **OMEGA** **MOVEMENTS**

## **ARE FINE TIMEPIECES.**

All made with Lever Escapements and Double Roller.  
Pendant Set. Fitting American Cases.

Made in  
6 Different  
Grades.

10 Ligne.  
11 Ligne.  
0 Size.  
12 Size.  
16 Size.

From 7 Jewels to 21 Jewels,  
Adjusted to heat and cold,  
and 5 Positions.

Sold only to legitimate jewelers.

Prices not advertised in any journal.

**SEND FOR PRICE-LIST.**

**EDMOND E. ROBERT,** {  
**3 Maiden Lane, N. Y.**

SELLING  
AGENTS.

{ **CROSS & BEGUELIN,**  
**17 Maiden Lane, N. Y.**



You recall the story of the man out West whose wife presented him with bouncing twins. He said he wouldn't take \$10,000 for them nor give a cent for any other kind. Now that is the verdict of all those who have once used our 1/10—14 karat and Ideal brands of

# CHAINS **R & D** CHAINS

They would not go back to the cheaper uncertain makes of Chains, that forever keep them into "a stew without the dumpling."

As Dorothy Dix would say: "This is no pipe dream; it is a chain cinch."

## RODENBERG & DUNN,

PROVIDENCE, R. I.,  
183-185 EDDY STREET.

NEW YORK OFFICE,  
9-11-13 MAIDEN LANE.

**W & R**  
Trade-Mark.

## WEIGLE & ROSE,

FRED T. WEIGLE.  
EARNEST A. ROSE.

MAKERS OF

### SOLID GOLD RINGS,

61 ARLINGTON ST., NEWARK, N. J.

GUARANTEED PLUMP 10K. RINGS IN THE  
LATEST AND MOST STAPLE PATTERNS.

SPECIAL ORDER AND FINE  
REPAIR WORK SOLICITED.

### Reported Discovery of Rubies in Alaska Not Credited by Experts.

The report has come from Alaska that rubies have been found in the old Ward shaft on Burro creek and a stampede has been started toward this locality, which was supposed to have given out all its riches long ago.

Mrs. S. Crane, who has been working the old field for some time, thinks the land very rich in gold and rubies. She and her associates are inclined to believe that the strike is a rich one, and that the presence of rubies will very much increase its value.

Geo. F. Kunz, the gem expert of Tiffany & Co., was told of the find and was inclined to think that there had been a mistake, as he thought garnets were more likely to be found in that locality than rubies. Garnets, he said, were frequently found in gold deposits in connection with gold mines, while rubies very rarely were. In many instances of this kind rubies were mistaken for garnets.

### Jewelers' Gold Bars Withdrawn and Exchanged.

Week Ended Sept. 20, 1902.

The U. S. Assay Office report:  
Gold bars exchanged for gold coin....\$290,534.72  
Gold bars paid depositors..... 201,534.96

Total .....\$492,069.68

Of this the gold bars exchanged for gold coin are reported by the Sub-Treasury as follows:

Sept. 16.....	\$89,048.85
" 17.....	\$6,171.02
" 18.....	103,787.98
" 19.....	31,282.89
" 20.....	20,244.48
" 21.....	.....

Total .....\$280,535.22

Smoke issuing from the windows above Kruckemeyer & Cohn's jewelry establishment, at 303 Main St., Evansville, Ind., recently caused some one to send in a still alarm to the fire department. Investigation showed that the smoke was caused by jewelers engaged in smelting gold on the upper floors.



## THE GENERAL SATISFACTION



which our goods are giving to all our many customers throughout the entire west and northwest is amply demonstrated by the increasing demand for **G. W.** goods.

To meet this growing trade we have greatly enlarged our whole line this fall, and we feel confident no house will show a **LARGER, CLEANER** or more **POPULAR LINE** than our salesmen will on the road this fall.

Our **ELKS' CHARMS** are all original designs, heavy tops and fine selected teeth, from \$3.00 to \$150.00 each.

Diamond Jewelry,  
Cuff Links,  
Studs,

Rings,  
Brooches,  
Emblems,

Charms,  
Chatelaines,  
Bracelots,

Locketts,  
Lorgnettes,  
Diamond Mountings.

Fobs,

Scarf Pins,

The well-known and popular **G. W. 20-Year Filled Chains**.

Our **G. W. Leader Chains**, at \$10.50 per doz., are the finest finished and best wearing chains in the world for the price.

# GEO. WETTSTEIN, Cedar Rapids, Iowa.



**First,  
Always.**

Be sure to see that every  
Swivel bears the mark  
W. & S. B. ★



## THE "OLD RELIABLE" W. & S. B. ★ CHAINS

are the Blue Ribbon Chains—the best not only this year or last year. They were the best 37 years ago. Before any other chain now on the market was heard of, the W. & S. B. ★ Chain had gained an enviable reputation as the "OLD RELIABLE." It was acknowledged the best selling chain—it was proven by impartial assays to contain the most gold. Its position of pre-eminence was practically unchallenged.

All that was true of the W. & S. B. ★ Chain 37 years ago is true of it to-day. All the qualities that it then possessed it possesses now—the same quantity of gold, the same carefulness of workmanship, the same fineness of finish—with additional virtues, that our 37 years of experience have enabled us to produce. The W. & S. B. ★ Chain of to-day is compared with the W. & S. B. ★ Chain of 37 years ago because there is no other, and never has been any other, so worthy of comparison. Handle this chain, recommend this chain, and your reputation as a reliable jeweler will be strengthened.

### W. & S. BLACKINTON CO.,

NEW YORK OFFICE,  
14 MAIDEN LANE.

FACTORY,  
NORTH ATTLEBORO, MASS.



## Providence.

### TRADE CONDITIONS.

The fact that business in jewelry circles is picking up is shown by the advertisements found in the local press, in which the need of skilled labor in various lines of jewelry manufacture, is set forth. This but an indication, but it is generally regarded as a very good one.

The firm of George E. Darling & Co. are now located at 45 Eddy St.

Among the jewelers who are on the sick list are Howard W. Jencks, superintendent of the C. W. Jencks & Bro. factory, and Arthur Ostby, of the Ostby & Barton Co.

Frank T. Pearce was active in making the stay of the Scottish Rite Masons in this city a pleasant one during the recent convention. The visitors went away convinced

that this is a hospitable town and that the jewelers are among the most hospitable men in it.

It is understood that local houses are not heavily interested in the financial difficulties of Mayer Bros. & Wertheimer, New York, as was reported after the failure of that firm.

Another stage in the affairs of the Lawton-Sherman Co. will be reached Saturday, when the case will come up in the Appellate Division of the Supreme Court on the question of the confirmation of the receivers' report.

Frank T. Barton, formerly engaged in business in this city as a manufacturing jeweler, who was compelled several years ago to withdraw, has filed a voluntary petition in bankruptcy in the United States District

Court. He estimates that his liabilities amount to \$2,750, with no assets. Mr. Barton has, since his withdrawal from manufacturing, been a traveling salesman.

But little has been heard recently concerning the protective association that was to have been founded by the several findings and supply houses. It is understood that the project has not been entirely abandoned but is being allowed to remain in a somewhat quiescent condition pending a more favorable time to advance its interests.

## Attleboro.

P. J. Cummings, of P. J. Cummings & Co., returned with his wife last week from an interesting tour of Europe.

The bankruptcy case of Blackinton & Ladd came up last week in the United States Court and a continuation was granted.

S. O. Bigney & Co. provided a ticket to "Are You a Mason?" at Bates' Opera House last Wednesday to each employe, following his annual custom during the theatrical season.

The docket of the Bristol County, Mass., Superior Court, civil session, contained on this week's list of cases one of Herbert E. White, of Attleboro, vs. H. Gilbert Coyle, the electro-plater of Pleasant St., who went into bankruptcy a few days ago.

Louis J. Lamb, of C. H. Allen & Co., has returned from Europe and brought with him a stone with a history. It was a part of an Anglican chapel in Attleborough, England, over 600 years ago, and was the capital of a column. Mr. Lamb secured it at the request of Major Everett S. Horton, late of the Horton, Angell Co., and Major Horton will present it to the Attleboro, Mass., Congregational Society, to be placed in the \$60,000 church they are now erecting.

Harrison A. Williams, a veteran jewelry manufacturer, celebrated the 53d anniversary of his marriage yesterday. He began business life as a partner of Joseph M. Bates, now head of the G. A. Dean Co. in Attleboro. Leaving Attleboro he went to Mansfield, his present home, and in 1860 became partner in Sherman, Capron & Williams. He continued a jewelry maker until advancing age necessitated retirement from active pursuits.

Joseph H. Appleton, of New York, son of William F. Appleton, of the Horton, Angell Co., has been approached by a number of jewelers and public spirited citizens the past week to make his home in Attleboro and open a school of design to train young men and women for the jewelry industry. The matter has received much attention from the press of this section and there is alleged to be good grounds for believing it will be undertaken, probably with the backing of several far-sighted jewelers.

A great change will come over the jewelry manufacturing district of Attleboro within a few years, according to all outward signs. Last week after eight years of campaigning in committees and in the courts, Attleboro succeeded in having the Suffolk County Superior Court appoint a grade crossing commission, to inspect and approve the plans adopted unanimously by the town and the N. Y., N. H. & H. R. R. Co. for abolishing the grade crossings in

# Simmons Watch Chains

When you pack a trunk for an important trip you're mighty particular to put in only what you need—no room for rubbish. In packing your show cases for the fall-business trip, stock up on goods that sell.

If it's chains, select the best—best in make, best in reputation, best in "going" qualities. If it's gold-filled goods, put in Simmons Chains.

We've been at it for thirty years now, making the best chains we—or anybody—can make.

Then when the very best chain is ready we don't stop. We market it for you. We seize the public ear and din "Simmons Watch Chains." Thus far about 3,000,000 Simmons Chain buyers have stood before the retailers' cases.

Stock up now with Simmons Watch Chains—and see that your stock is big enough to supply the steadily increasing demand for them.

R. F. SIMMONS CO., Attleboro, Mass.  
New York: 9 Maiden Lane. Chicago: 126 State St.





**Sit down and think it over—**

Bassett Goods are sold  
direct from maker to retailer—  
YOU pocket the jobber's profit.

Buy Bassett Goods.  
No others like them.

**THE BASSETT JEWELRY CO.,**

*Manufacturers of High-Grade Rolled Plate Chains,*

**FACTORY, MANUFACTURERS' BUILDING, PROVIDENCE, R. I.**

**NEW YORK OFFICE:**  
37 Maiden Lane.

**CHICAGO OFFICE:**  
Masonic Temple Vaults.

**SAN FRANCISCO OFFICE:**  
120 Sutter St.

**MINNEAPOLIS OFFICE:**  
1116 Lumber Exchange.



**WE** will be  
ready for  
business just  
as soon as we  
get straight-  
ened out in  
our new  
quarters. . .

**M. MANNIST & CO.**

Ring Builders, for Men,

82-84 Nassau St., NEW YORK CITY.



**American  
Clocks**

IN IRON, BRONZE, GILT,  
WOOD, ETC.

**F. KROEBER & CO.,**

14 Maiden Lane,  
NEW YORK.

**HERMAN KOHLBUSCH Sr.**  
ESTABLISHED 1850.  
Manufacturer of  
*Fine Balances and  
Weights*  
for every purpose where  
accuracy is required.  
Office and Salesroom,  
194 BROADWAY,  
NEW YORK.



SEND FOR PRICE-LIST. Tel. 370 Cortlandt.

**"Ding, Dong, Bells; Ring Adjusters, Wells."**  
Who puts them in? Jewelers who're in  
the swim. We will march as we sing of  
the beautiful position of the ring, that  
has Chester H. Wells ring adjuster in.  
Rings, rings, rings; that our jeweler fits  
Wells ring adjusters in. Paste this on  
back of your business card and loan to  
three bright boys or girls for two days  
each. Watch the result. Address, Ches-  
ter H. Wells, Jeweler, Meshoppen, Pa.



Pat. U. S. & Can. ter H. Wells, Jeweler, Meshoppen, Pa.



that place. Attleboro's manufacturing life is clustered in a group of shops almost all within a stone's throw of the depot, and bordering the track. This track will be raised 18 feet, leaving the shops nearest it down in a dark vale. The movement, which will materially alter the whole center of the town, will possibly have the effect of driving all jewelry business away from this, which has been the classic center of the industry for a half century.

The firm of T. G. Hunt & Co. has dissolved and Frank and William Moulton will run the business under the old name.

D. A. White & Co. removed Saturday from the first floor of the Robinson building, 2 Railroad St., to the top floor recently vacated by C. H. Allen & Co.

J. W. Luther & Co., lapidaries and pearl workers, are preparing to remove from the basement of the Robinson building, 2 Railroad St., to the new factory building of the Attleboro Mfg. Co., on Hazel St.

Frank A. Chase, who recently resigned a responsible position with Regnell, Bigney & Co. to become general secretary of the Young Men's Christian Association, is to be married to-day to Miss Julia L. Brown, of Providence.

The W. D. Wilmarth Co. has appealed to the State Board of Health in regard to the unclean condition of the Ten Mile river, which flows past their plant and under a part of it. The river was inspected last week by agents of the Board.

The base ball nine of the R. F. Simmons Co., which has met but one defeat in the long string of inter-shop games this sea-

son, has issued a challenge to any shop nine in either of the Attleboros to meet it on Oct. 4 in a game for the benefit of the Attleboro Public Library.

### North Attleboro.

#### TRADE CONDITIONS.

Business conditions in North Attleboro are such as delight the manufacturers of jewelry. There is hardly a shop but is flooded with orders, and many are running nights. Almost every factory has advertised for help "at once," within the past 10 days, and skilled workmen are coming from as far as New York. So many have come that it is extremely difficult to obtain boarding places. All signs point to a record-breaking season of prosperity among the firms and their employees. The demand for labor has forced up the price, and good wages are being paid.

A. H. Bliss & Co. are running nights. Their salesmen start out Oct. 15.

Frank M. Whiting & Co. are running nights and hiring all the help they can get.

George Angell is in New York, and Charles Downs is in the west, representing J. H. Peckham & Co.

The 58-hour law with reference to women and minor employes hampers jewelry manufacturers considerably.

H. C. Saunders, the refiner, was obliged to relinquish his duties this week on account of over work trying to accommodate his patrons.

J. F. Sturdy's Sons are also running their factory nights to keep up with orders. E. H. Cummings will start for the west about Oct. 15.

F. S. Gilbert reports that he is having a great run on match boxes. A. B. Chase

is now selling in the west, and G. A. Bicknell is in New York.

New fire doors with fireproof glass have been installed on each landing on the stairways in the Union Power building, owned by F. G. Pate.

Charles Van Ness, New York representative of the Coddling & Heilborn Co., was in town last week. C. H. Davison is now traveling in the west.

Sandland, Capron & Co. are introducing a patent bracelet which has not been named as yet. C. W. Hempel is now in New York, showing the goods.

Sturtevant, Whiting & Bigelow are busy but will not run nights as a matter of policy. W. A. Bigelow and R. H. Booth are both covering the western field.

R. Blackinton & Co. have hired a portion of the Gorton factory for overflow work, and are running evenings at their main plant. F. D. Newburger is representing the firm in the west.

The H. H. Curtis Co. is having a great success with its 20th Century patent bag, in which the lining can be readily replaced without disturbing the silver "coat of mail." The firm's salesmen are on the road.

### Boston.

E. A. Bigelow, treasurer of the E. Howard Clock Co., was in New York, several days, last week.

Royal Robbins, treasurer of the American Waltham Watch Co., has returned from Intervale, N. H.

Miss Lillian M. Stiles, of Lowell, has succeeded Miss Jennie Campbell as bookkeeper for J. C. Sawyer & Co., 381 Washington St.

W. F. Chisholm, Gloucester, Mass., passed through Boston, last week, on his way to St. John, N. B., where he has gone on a vacation trip.

R. F. Wilkins, representing Nelson H. Brown, has started on a trip through Maine, and J. B. McCloskey, representing the same firm, has gone to Vermont.

Invitations have been received among the trade, to the marriage, Oct. 1, at Bath, Me., of C. W. Clifford, Jr., and Miss Anna Maria Palmer. Mr. Clifford is a member of the firm of C. W. Clifford & Son.

F. H. Pope, of D. C. Percival & Co., has closed his Summer home at West Falmouth, Mass., on the South Shore, and has moved to the Ashmont district of Boston.

Among the out-of-town buyers in town last week were seen the following-named men: H. P. N. Dahl, Maynard, Mass.; H. A. Wippich, Provincetown, Mass.; S. W. Baker, Rockland, Mass.; J. B. Hill, Beverly, Mass.; E. S. Padelford, Gloucester, Mass.; F. G. Olin, Lynn, Mass.; J. H. McGovern, Haverhill, Mass.; J. H. Connor, Lynn, Mass.; A. B. Forbush, Berlin, N. H.; W. F. Newhall, Lynn, Mass.; E. S. Clark, Sandwich, Mass.; N. C. Squire, Lynn, Mass.; C. H. Babbitt, Nashua, N. H.; J. Johnson, Lowell, Mass.; D. N. Chadsey, Wakefield, Mass.; L. P. Nason, Lynn, Mass.; W. H. Litchfield, Keene, N. H.; C. C. Bogle, Bogle Bros., White River Junction, Vt.; Joseph Lajoie, Worcester, Mass.; J. J. Woodward, Somersworth, N. H.

Reginald W. P. Brown, of Nelson H.

## Mounted Diamonds.

Our stock of Mounted Diamonds was never so large, and for variety it is unexcelled; it also includes other Precious Stones and Pearls in combination with the diamonds, making our stock the most attractive we have ever placed before our customers.

**HAYDEN W. WHEELER & Co.,**

**TWO MAIDEN LANE, N. Y.**

Telephone, 6 Cortlandt.

50 HOLBORN VIADUCT, LONDON, ENGLAND.



# The Greatest Brilliancy



BOTTOM.



SIDE.



TOP.

possible is obtained by the new 20th Century Style of Diamond Cutting. We offer these diamonds to the Trade in three colors, viz.:

“Wesselton,” “Blue Wesselton” and “River.” All sizes.

---

## Neresheimer & Co.,

2 and 4 Maiden Lane and 170 Broadway . NEW YORK.

# PEARLS

AND RARE GEMS

IN DIAMONDS, EMERALDS, RUBIES, ETC.

---

## ALFRED H. SMITH & CO.,

IMPORTERS,

182 BROADWAY, NEW YORK.

CHICAGO,  
103 State St.

LONDON,  
21 Holborn Viaduct.



**WM. S. HEDGES & CO.,**  
IMPORTERS OF  
**Diamonds, other Precious Stones and Pearls.**

**DIAMOND JEWELRY.**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING. **New York.**  
26 Holborn Viaduct, London.

**Diamonds, Pearls**  
AND FINE COLORED STONES.  
**FRED. W. LEWIS & CO.,**  
IMPORTERS AND CUTTERS, 1 MAIDEN LANE, NEW YORK.

**John F. Saunders,** Cutter and Importer of  
**DIAMONDS** AND OTHER  
FINE PEARLS A SPECIALTY.  
**68 Nassau St., cor. John St.,** Sheldon Building, Room 16 **NEW YORK.**

CHARLES L. POWER.

ROBT. B. ALLAN.

**CHARLES L. POWER & CO.,**  
CUTTERS AND IMPORTERS OF  
**Diamonds, Rubies, Pearls, Emeralds, Sapphires,**  
**170 Broadway,** BROADWAY-MAIDEN LANE BUILDING, **2 Maiden Lane,**  
**NEW YORK.**

**SMITH & NORTH,**  
IMPORTERS OF  
**DIAMONDS.**  
DEALERS IN  
AMERICAN WATCHES AND FINE JEWELRY.  
14 MAIDEN LANE, NEW YORK.

**MALLIET & MAXWELL,**  
**Diamond Cutters,**  
**14 MAIDEN LANE, NEW YORK.**  
**LONDON, 50 Holborn Viaduct. AMSTERDAM, 2 Tulpstraat.**

Brown, is one of the assistants chosen to coach the Harvard foot ball team this year. Mr. Brown is a member of the Class of '97, and has quite a reputation as an athlete and foot ball expert.

R. B. Redfern, the Chicago representative of the E. Howard Clock Co., was in Boston for several days, last week.

### Connecticut.

C. L. Bryant, Danbury, is visiting in New York.

Oliver S. Clark, at one time in business in South Norwalk, died Sept. 18, aged 75 years.

Edward Bullock, an old employe of the Meriden Britannia Co., died Sept. 15, aged 70 years.

The factory of the Wm. L. Gilbert Clock Co., Winsted, is now obliged to run nights, owing to the pressure of business.

Eugene P. Golden, superintendent of factory E. International Silver Co., last week celebrated his 50th birthday anniversary.

Martin W. Hall, Waterbury, and Fred W. Foster, with the Waterbury Mfg. Co., are spending a vacation in New Brunswick.

Walter Camp, of the New Haven Clock Co., has returned to his home in New Haven after a Summer's sojourn at Pine Orchard.

James Davidson, New London, has received from England a number of antique Sheffield pieces, old English porcelain, brasses, etc.

The employes of the Shelton factory of the International Silver Co. were treated to a half holiday, Sept. 17, owing to an accident to the power wheel.

Arthur J. Roberts, for several years bookkeeper for the Benedict & Burnham Mfg. Co., Waterbury, died Sept. 15 in Waterbury, aged 48 years.

Sam. H. Kirby, of Sam. H. Kirby & Son, New Haven, was one of the honored guests at the annual clam bake of the Rockland Club, held at Shore Beach last Thursday.

Chas. H. Dilworth, watchmaker at Le Grand Jackson's jewelry store, South Norwalk, has been called to Belfast, Me., by the serious illness of his mother, Mrs. M. C. Dilworth.

Mrs. Catherine G. Rogers died last week in Meriden, aged 64 years. She was the widow of Geo. W. Rogers, who was a brother of Wilbur F. Rogers, of C. Rogers & Bros., Meriden.

In the suit of H. Gillespie against Thomas Fromberg, Hartford, to recover \$2.15 for repairs to a diamond ring, the ownership of which is claimed by two men, judgment was rendered in favor of the defendant.

Henry Vadney, an employe of the International Silver Co., Meriden, was recently presented by the employes with a handsome silver cake basket and silver cup on the occasion of his marriage to Miss Lucinda Laquerre, of Meriden.

A hill of pure jasper of exceptionally fine quality has been discovered in the eastern part of the town of Portland known as Bald Hill. The stone is very hard and has properties like emery for sharpening purposes. There is some talk of starting a mill and turning the stone to commercial use.

The Milford Silver Co.'s factory at



Broad St., Milford, will shortly undergo extensive improvements.

Col. W. J. Leavenworth, Wallingford, has been elected Grand Marshal for the ceremonies attendant upon the dedication of the Wallingford soldiers' monument, the dedication of which will take place Oct. 23.

Benedict & MacFarlane, spoon manufacturers of Bridgeport, where so many Wallingford people have worked at times during the past four years, have filed a petition of final dissolution with the Secretary of State.

Ray K. Higgins, Waterbury, recently sustained severe injuries while enjoying a bicycle trip. Besides the injuries received he lost a diamond studded Elk charm valued at \$75, which was jerked from his watch chain during the fall.

The Craig Metal & Chemical Corporation of New Haven, with a capital stock of \$5,000,000, has just filed a certificate of incorporation with the Secretary of State. The certificate states that the company is organized for the purpose of mining, smelting, refining and manufacturing all and any kind and form of metal and metal alloy. The capital stock is to consist of 50,000 shares at \$100 each.

### Baltimore.

Gustav Klemm, with Jacob & Jenkins, returned last week from a trip to Cape May, Atlantic City and New York.

Henry C. Kirk and his daughter, Miss Lydia Kirk, have returned to their city residence after a vacation spent at Roland Park.

The frescoing and renovating recently administered to the James R. Armiger Co.'s salesroom, has greatly improved its appearance.

Charles R. Schirm, the brother of Jerome W. Schirm, the Lexington St. jeweler, has been nominated for Congress by the Republicans of the Fourth District.

Gminder & Limerick, manufacturers of military and society goods, who recently sold their building at 12 S. Calvert St., have opened up a first-class establishment at 21 N. Liberty St.

The closing tour under the auspices of the Old Town Merchants and Manufacturers' Association was held last week, and consisted of a three days' trip to points on the eastern shore; Cape May, and Old Point Comfort.

Ernest A. Brown, whose systematic robbery of the Baltimore Sterling Silver Co. has been told in the JEWELERS' CIRCULAR—WEEKLY, pleaded guilty in the Circuit Court last week of the larceny of silverware valued at about \$220. He was sentenced to the Maryland Penitentiary for two years. Charles C. Skeff, manager of the company, explained in his testimony that the articles were taken at intervals for a long time while Brown was in his employ.

Charles Reed, alias Joseph A. Svater, pleaded guilty in the Criminal Court last Thursday to one of 10 indictments for burglary entered against him, and was sentenced to five years in the Maryland Penitentiary. The other nine indictments were setted. Among the indictments setted was the burglary of \$45 worth of watches from William MacAllister, a quantity of cutlery and silverware from Samuel W. Pierce, 101

ESTATE OF JOHN C. MOUNT.

ADDISON W. WOODHULL

## MOUNT & WOODHULL,

Formerly with late firm of RANDEL, BAREMORE &amp; BILLINGS,

IMPORTERS OF

**DIAMONDS,**  
**OTHER PRECIOUS STONES,**  
**PEARLS, ETC.**

MAKERS OF

**FINE**  
**DIAMOND**  
**JEWELRY.**

26 Maiden Lane

(Southwest Corner Nassau Street),

NEW YORK.

EMERALDS,  
PEARLS AND DIAMONDS.

**MILTON P. BAGG & CO.,**  
RARE SPECIMENS OF  
DIAMONDS AND OTHER  
PRECIOUS STONES,  
21 & 23 MAIDEN LANE, NEW YORK.  
Tel. No. 6226 Cortlandt.  
Cable Address: MILBAGG.  
RUBIES AND SAPPHIRES.

## Pearl Necklaces and Collarettes.

**Mounted**  
**Diamond**  
**Jewelry**

of every  
description.

*Leading Jeweler*  
*Trusted*  
*Emil Knapp*  
*John W. Rueler*  
*Frank L. Wood*

18 JOHN ST. NEW YORK.

Large  
assortment  
of all kinds of  
very fine, fancy  
and rare gems,  
including Pearls,  
Diamonds, Rubies,  
Emeralds and Sapphires.

**Particularly Fancy  
Colored and Fancy  
Shaped Diamonds.**



## PEARLS.

256 Westminster St., Providence, R. I.  
10 Rue Cadet, Paris.

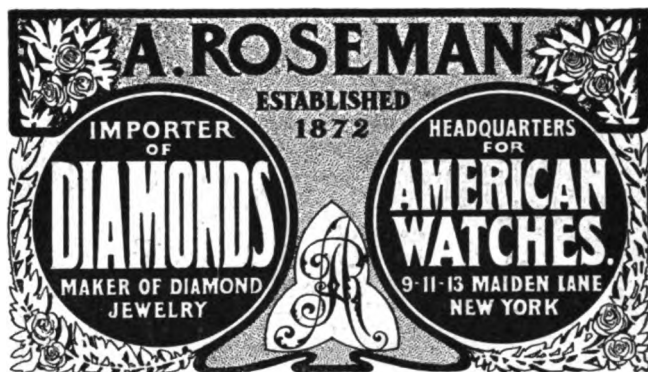
Tel. No.  
669 Corti't.

Lapidary Works: 93-95 William St., New York.

**GOODFRIEND BROS.,**

9-11-13 Maiden Lane, New York.

IMPORTERS AND CUTTERS OF  
PRECIOUS AND IMITATION STONES.



SUCCESSORS TO HENRY FERA.

ESTABLISHED 1871.

**FERA & KADISON,**

IMPORTERS AND CUTTERS OF

**DIAMONDS.**

DIAMOND JEWELRY, PRECIOUS STONES AND PEARLS.

Cutting Works: 132½ Atlantic Ave., Brooklyn.

European House: 21, 23, 25 Loojarsgracht, Amsterdam, Holland.

65 NASSAU STREET,

NEW YORK.

S. Charles St.; \$21 worth of fountain pens from Richard L. Golder, and \$100 worth of fountain pens from Pearre E. Crowl.

J. Stuart MacDonald, corner Baltimore and N. Charles Sts., returned home last week after an extended tour with his wife through England, Scotland and Holland. They viewed the coronation of King Edward and got a good view of the King and Queen.

Llewellyn Walker, aged 44, and Edward Berry, aged 46, silversmiths in the employ of C. Klank & Sons, last week filed counter charges of assault against each other. Walker averred that Berry struck him first and he retaliated in self defense, while Berry exhibited several bruises which, he avowed, had been inflicted by Walker without provocation. The charge against Berry was dismissed and Walker was fined \$25 and costs.

### Canada Notes.

#### TRADE CONDITIONS.

The general tone of the market is decidedly buoyant, and dealers throughout the country are disposed to buy freely in the expectation of a heavy Fall trade. Business conditions are healthy, very few failures having occurred latterly, and money is plentiful. The demand for precious stones is active, pearls being largely called for. Pearl pendants and crescents are much in vogue. The number of fashionable weddings occurring this month in Toronto have given a considerable impetus to local trade.

The Jewelry Workers' Union, which has strengthened its membership considerably of late, has forwarded to the manufacturers a demand for a reduction of the number of working hours to 49 per week. The number at present in most establishments is 52. Owing to the pressure of work at this season the request will probably be acceded to.

C. D. Maughan, representing the Goldsmiths Stock Co., Toronto, has reached

# Oppenheimer Bros. & Veith,

*Cutters and Importers of Diamonds,  
Pearls and Precious Stones,*

*Cor. Nassau and John Sts., New York.*

AMSTERDAM,  
2 TULP STRAAT.

LONDON,  
45 HOLBORN VIADUCT.

CUTTING WORKS,  
COR. UNION AND NASSAU STS., BROOKLYN.



Vancouver on his western trip, and reports that jewelers are buying freely in anticipation of a good season's business.

W. J. Barr, manager of the Goldsmiths Stock Co., Toronto, has gone to Quebec.

A. C. Kent & Co., of 236 Yonge St., Toronto, will shortly remove to 257 Yonge St.

Geo. E. Jacques, Calgary, N. W. T., who has been on an extended trip east, returned home last week.

Gordon McLaren, representing P. W. Ellis & Co., Toronto, has returned from his initial trip to the Pacific Coast.

A. C. Stanners, Parkdale, Can., has purchased a parcel of real estate at Toronto Junction, where he will erect a large store.

Thomas Brady, representing Smith, Patterson & Co., Boston, has returned to Toronto after a successful trip to British Columbia.

W. T. Gard, who has been engaged for 40 years in the jewelry trade at St. John. N. B., is in Toronto purchasing show cases, etc., for the purpose of refitting his store. He states that while business was dull during the Spring and most of the Summer, merchants in Maritime Provinces expect a large Fall trade.

#### Columbus, O.

Oger Bros. have just installed a new safe.

T. T. Tress is spending his vacation in Michigan.

H. F. Crecelius assumed his duties with the new Bancroft Bros. Co., of which he is a member. He is in charge of the repairing department.

William B. Tucker, with the Oger Bros., met with a painful accident last week by falling from a street car. His left arm was badly sprained, and his left hand cut and bruised.

Goodman Bros. during the past week received a lot of fine fresh water pearls which were found in this vicinity. There were 15 in the lot, one of which was of a beautiful pear shape.

## EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

65 NASSAU STREET

(Prescott Building)

NEW YORK.

"The  
Pearl  
House."

## EISENMANN BROS.,

IMPORTERS OF

## FINE ORIENTAL PEARLS,

Diamonds and Precious Stones,

Paris, 3 Rue St. Georges. 21 & 23 MAIDEN LANE, N. Y.

# FINE CORAL STRINGS

FOR THE FINE TRADE.

## HENRY E. OPPENHEIMER & CO.,

12 MAIDEN LANE, N. Y.

1, 2, 3 HOLBORN CIRCUS, LONDON.

**GARREAU & GRISER**  
66 & 70 Nassau St., New York.  
**LAPIDARIES. PRECIOUS STONES.**  
**GEMS in Unique Cuttings.**

## FRESH WATER PEARLS

BOUGHT AND SOLD.

Also PEARLS POLISHED

and all possible improvements made. Pearls damaged by setting or from wear with diamonds restored.

**JOHN HAACK,** Room 53, 11 John St., New York.

Office Hours: 1 to 3.

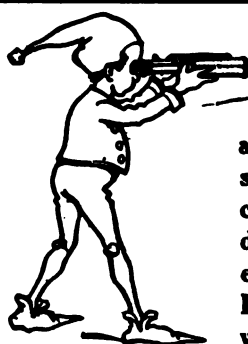
**We Buy American Pearls,**  
especially  
**Large and Fine Specimens.**

**JOSEPH FRANKEL'S SONS,**

Telephone 2733 John.

68 Nassau Street, New York.





# HUNTING

around for a good house to supply ammunition for the coming season? You can't do better than to stop in and examine our line of sellers. Desirable goods in every way, prices, patterns, quality, originality and salability. Call and you will find the goods speak for themselves much better than we can speak for them.



**HENRY FREUND & BRO.,**  
DIAMONDS, WATCHES, JEWELRY, ELK GOODS,  
Sellers a Specialty. 9 MAIDEN LANE, N. Y.

## EDUARD VAN DAM,

IMPORTERS AND CUTTERS OF

## DIAMONDS.

AMSTERDAM:  
CUTTING WORKS AND OFFICE,  
2 ALBERT CUYPSTRAAT.

NEW YORK:  
CUTTING WORKS AND OFFICE  
101 BEEKMAN STREET.

LONDON, 31 HOLBORN VIADUCT.

ANTWERP, 66 RUE DES FORTIFICATIONS.

## STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

## DIAMONDS,

CUTTING WORKS:  
138-142 West 14th St., N. Y.

CHICAGO, 149 State Street.  
LONDON, 29 Ely Place.

68 Nassau St.,

NEW YORK.



We make a SPECIAL BID for the trade of Manufacturing and Wholesale Jewelers.

We would like to demonstrate our advantages to everyone interested. If you cannot call, send for memorandum package and prices.

**L. Heller & Son**

51 Maiden Lane, New York.  
PARIS: 5 Cité Trevisse.  
DAR: 14 Hauptstrasse.

We are Most Favorably Situated for

OPALS,  
PEARLS,  
DOUBLETS,  
GARNETS.

Telephone, 319 John.

### New Stores and Enterprises.

(New Optical concerns will be found in the Optical Department and new enterprises in New York will be found under heading "New York Notes.")

Chas. Odell has commenced business at Heron Lake, Minn.

H. C. Bilger has opened a jewelry store at Cle Elum, Wash.

E. B. Wheat will open a fine new jewelry store at Condon, Ore.

F. C. Lawrence has opened a jewelry store at Arlington, Wash.

Chas. R. Sumner has opened a store at 380 Richmond St., London, Ont.

Phillip Smith will shortly establish himself in business at Rock Falls, Ill.

H. L. Emerson contemplates opening a jewelry store at Island Falls, Me.

It is announced that a new jewelry store will be opened very soon at Ashland, O.

Wm. L. Hindman has opened a jeweler's repair shop at 116 W. Colfax Ave., South Bend, Ind.

Mrs. Celia Selmiger has opened a watchmaker's establishment at 474 Medford St., Somerville, Mass.

Joseph Strain, Los Angeles, Cal., has rented a part of Dr. Spoor's drug store in Redlands, Cal., where he will open a jewelry store.

J. E. Perry, Peoria, Ill., has rented the east side of the home building of the Loan & Savings Co.'s office, where he will open a store Oct. 1.

Jos. Mathes, formerly employed as jeweler with Jos. Whehrle & Son, Belleville, Ill., has opened an establishment of his own on W. Main St.

Albert Goodman has gone into the retail business at Sault Ste. Marie, Mich., in partnership with a Mr. Cook. Mr. Goodman was formerly a traveling representative.

The Lincoln Diamond Co. recently filed articles of incorporation with the Secretary of State in Little Rock, Ark. The capital stock is \$25,000. The headquarters of the concern will be at Piggott, Clay Co., Ark. The incorporators are P. A. Miller, president; M. J. Ward, vice-president; W. E. Spence, secretary and treasurer.

### Trade Gossip.

Samuel Heller, of L. Heller & Son, 51 Maiden Lane, New York, who is now traveling in the west, reports excellent business, particularly in opals and pearls, of which the firm is making a specialty.

The catalogue of Joseph Brown & Co., Chicago, Ill., which is being sent to jewelers on application, contains 200 pages illustrating cases, movements, and, in fact, everything handled in a jewelry store. Most of these goods are advertised as bought from stocks.

### Louisville, Ky.

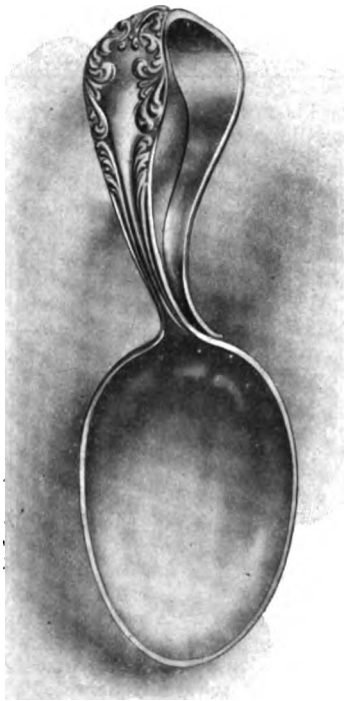
Wm. Kendrick has returned from the east.

Brainard Lemon has returned from a three weeks' business trip to New York.

Geo. Reiger, manager for Geo. Wolff & Co., has returned from a short trip to Minneapolis and St. Paul.



"MORE THAN  
TRIPLE PLATE."



THE "AVALON."

## "ONEIDA COMMUNITY QUALITY"

Spoons, Forks and Knives will presently be known to every householder through the best advertising mediums. Jewelers are invited to anticipate the demand for these meritorious goods by placing them in their stocks. Address for information and Free Illustrated Booklet, *"About Oneida Community."*

ONEIDA COMMUNITY,  
NIAGARA FALLS, N. Y.

413 Broadway, New York.



# WORLD BRAND

You will find it easy to sell "WORLD BRAND" Plated Ware. No silver ware has ever been made that is quite so attractive or of such splendid value.



"WORLD BRAND"

All Flatware bearing the above Trade-Mark, known as the "WORLD BRAND," is guaranteed to be of the highest grade German Silver Base and to carry not less than Fifty Per Cent. (50%) more silver than the regular standard plate goods.

**The American Silver Co.**  
Factory: BRISTOL, CONNECTICUT.





# "Stuart" Pattern

When a prospective customer waves aside an article of flatware, with the expression that it looks cheap, rest assured that it is not

**"1835-R. WALLACE"**

Our silver plated ware is built for beauty and weight and quality. Our trade mark is all our own, and it is not similar to a score of others.

**R. Wallace & Sons  
Mfg. Co**  
WALLINGFORD,  
CONN.  
NEW YORK. CHICAGO.  
SAN FRANCISCO.  
LONDON.

**1835 R. WALLACE**

*See the two centre pages in this issue  
of the Jewelers' Circular-Weekly.*

## Death of John T. Bonestell.

SAN FRANCISCO, Cal., Sept. 17.—John T. Bonestell, a member of the California Jewelry Co., of this city, died Sunday at his home, 30 miles from San Francisco.

Mr. Bonestell, who was one of the most popular members of the jewelry trade of this city, was born in Catskill, N. Y., 65 years ago, and decided in his early youth to try his fortune on the Pacific coast. As a boy he entered the jewelry establishment of R. B. Gray, San Francisco, remaining with that firm until it was absorbed by Levison Bros., now the California Jewelry Co. For this firm Bonestell traveled for several years and eventually he was taken in as a partner and did nearly all the buying.

About once a year Mr. Bonestell came east and the event was known to all the manufacturing jewelers from San Francisco to Providence and the Attleboros. Wherever he went he was familiarly hailed as "Bonnie." Whenever he entered a factory or a selling office the salesmen from all parts of the establishment gathered about the genial westerner and begged him for "just one more" story.

Bonestell had a rough exterior but a kindly heart. To his efforts more than to any one else belongs the high standing of his company to-day. He had one of those personalities that captivated and held the attention and affection of all with whom he came in contact and with Mr. Bonestell's death the jewelry business of the Pacific slope will lose one of its most popular representatives.

Of late years Mr. Bonestell lived on a private ranch 30 miles from San Francisco and though still active in business enjoyed the comforts of his early labors as only he knew how to. His last trip in the east was about a year ago. Deceased leaves a widow and two sons, the eldest son, Robert, being the western agent for the Crescent Watch Case Co. and the Roy Watch Case Co.

## Nellie B. Baylinson Makes an Assignment.

Nellie B. Baylinson, trading as N. B. Baylinson & Co., made an assignment last week for the benefit of creditors to George C. Franciscus, an attorney.

The assignor carried on a wholesale jewelry business at 725 Sanson St., under the management of Nathan Baylinson. The Baylinsons, who are engaged in the jewelry business, have been in financial difficulties before. Baylinson & Litchfield failed about three years ago.

Mr. Franciscus has taken possession of the property and locked up the stock. About 15 of the creditors have filed their claims with Mr. Franciscus, and it is thought unlikely that the creditors ask that the firm be declared an involuntary bankrupt. These claims were placed in the hands of Mr. Franciscus for collection by the New York Jewelers' Association and Board of Trade.

To a CIRCULAR-WEEKLY representative Mr. Franciscus said: "I have no definite idea yet of the extent of the liabilities. The assets I believe are about \$4,000. At least, they were so appraised about four months ago by an employee of H. O. Hurlburt & Son. Nellie Baylinson made a proposition to her creditors which has been rejected, offering to compromise on 15 per cent. cash and 10 per cent. in notes."



## "Four Flowers" Calendar.

Arbutus for Spring, Rose for Summer,  
Chrysanthemum for Autumn and Holly for Winter.

One of our large line of  
**Seasonable Sellers in Sterling Silver.**  
*Send for Selection.*

**MERRILL BROS. CO.,**  
31 East 17th Street, New York.



## Every Progressive Jeweler

who has not accepted this offer (first made by us over four years ago) should send for particulars. Those who have made use of our advertising matter will need no second invitation when we inform them that a new sixteen-page folder, No. 1085 C, is ready for inspection.



## We Will Help You Advertise

We are interested in the welfare of every dealer handling our silverware.

We want you to increase your sales of "Silver Plate that Wears," and will help you do it.

**Advertisements** of well-known and popular brands of goods, if well illustrated, and frequently changed, will make surer and quicker sales than announcements dealing with goods, the actual value of which is little known to the general public.

Many dealers find it a difficult and sometimes almost impossible task to gather proper material for a satisfactory advertisement. As an aid to our trade we have prepared several, shown in a folder, and your local newspaper will only have to add your name and address to make them well adapted for your use.

### **By Using These Advertisements**

you will get more directly than ever the full benefit of our general advertising. Many of them are prepared after the same style and have the characteristics of our advertisements appearing in several hundred leading publications in which we state our wares are "Sold by Leading Dealers Everywhere." Your relation to us and our advertising will at once be established in the public mind.

### **Order by the Plate Number**

under each advertisement as many as you can use to advantage, and electrotype plates, including illustration and type matter, will be sent you free of charge.

Ask for Folder No. 1085 C and keep it for future reference.

## MERIDEN BRITANNIA CO.

International Silver Co., Successor,  
MERIDEN, - CONN.

If you are able to use illustrations of our goods where a half tone or wood cut is suitable, let us know what you want and we will loan them to you.

If you will send us a copy of publication where you advertise our wares, we may be able to aid you in future announcements.

Made and  
Guaranteed by



## We Also Offer You

a supply of finely-printed, illustrated circulars bearing your name and address for distribution, as well as Window Signs and Show Cards to aid in helping making an attractive display of our goods.





# "Koholia"

Have you used it?  
No? Yes?

Sample sent on request.

**S. Sternau & Co.,**  
204 Church Street,  
New York.  
Factory, Brooklyn, N. Y.



**GEO. KEPPLER,**  
ORIGINAL DESIGNS

For Gold and Diamond Jewelry, Silverware, Novelties and all Kindred Branches. Wax Models and Samples. Casting, Chasing and Hand Carving in Gold or Silver. Die Cutting.  
201 East 16th St., New York.  
ART NOUVEAU WORK A SPECIALTY

## The Growth of the Jewelry Industry of Attleboro and Surrounding Towns.

ATTLEBORO, Mass., Sept. 22.—A report was issued last week by the Massachusetts Bureau of Statistics of Labor which shows a wonderful rate of growth for the jewelry industry in Attleboro and for the business generally. It contains the stupendous fact that in five years Attleboro's manufacturing, which is almost wholly that of jewelry, has increased 123.49 per cent., while the population in the same time has increased 36.76 per cent.

This growth can be described quickest and best by a table which compares it with the growth in the same period of business in other towns in the New England jewelry manufacturing district and located in Massachusetts. The table is as follows:

Places.	Value of goods manufactured.	
	1895.	1900.
Whole State .....	\$849,807,802	\$1,085,953,355
Attleboro .....	4,225,189	9,442,752
Foxboro .....	1,081,756	777,219
Mansfield .....	936,496	1,085,804
North Attleboro .....	2,959,794	3,990,781
Taunton .....	9,947,686	12,594,814

Places.	Increase in—	
	Manufacturing.	Population.
Whole State .....	21.9	12.21
Attleboro .....	123.49	36.76
Foxboro .....	Decrease.	1.46
Mansfield .....	10.60	7.63
North Attleboro .....	34.82	10.30
Taunton .....	26.61	14.46

The report is noteworthy in that for the first time since these reports have been issued a separate heading is given to the jewelry industry. Hitherto it has been classed with the other manufactures of the State. It shows that the State is at last beginning to realize the importance of the manufacturing jewelry industry in the State. As a large percentage of the jewelry manufactured in this State is manufactured in the Attleboros it shows, however, that the State is beginning to realize the importance of Attleboro as a manufacturing center.

According to this report in 1900 the total number of jewelry establishments in Massachusetts was 102; conducted by private firms, 87; by corporations, 15; number of firms, 87; corporations, 15. In 1901, the figures are unchanged.

In 1900 the number of private firms in Massachusetts was 87 with 157 male partners, seven female, one special, three estates, making a total of 168 partners. In 1901, the private firms numbered 85, with 158 male partners, seven female, one special, two estates; making a total of 168.

In 1900 the number of stockholders in the 15 corporations was 63 males, seven females, one bank, making a total of 71. In 1901, the number of corporations was 17, the stockholders numbered 68 males, seven females, a total of 75.

In 1900, the capital devoted to the manufacture of jewelry in Massachusetts was \$3,466,854; and in 1901, \$8,644,582, an increase of \$177,678, or 5.13 per cent.

In 1900 the stock used was worth \$4,216,966;

and in 1901, \$4,028,832, a decrease of \$188,134, or 4.46 per cent.

The value of the goods made was in 1900, \$9,822,502; and in 1901, \$9,989,470, an increase of \$166,968, or 1.70 per cent.

Average number of persons employed, 1900, 3,463 males; 1,978 females, a total of 5,441; 1901, 3,598 males, 2,017 females, a total of 5,615.

1900.—Average number of persons employed, 5,441; smallest number, 4,384; greatest number, 6,658; 1901—Average, 5,615; smallest, 4,494; greatest, 7,007.

Wages and Earnings.—1900, \$2,680,441; 1901, \$2,782,592; average, 1900, \$492.64; average, 1901, \$495.56, an increase of \$2.92. The average earnings of the laboring man of the State are but \$449.63.

Average number of days in operation, 1900, 284.57; 1901, 286.48. Average proportion of business done, 1900, 66.48; 1901, 65.87.

A summary of all the figures given above shows that the estimated value of the goods made and the work done was \$10,418,487.

In 1895 the value of the manufactures in goods made and work done was \$6,193,918; in 1900, \$10,315,334; an increase of \$4,121,416; or 66.54 per cent.

The following are the figures for the towns of this section: Attleboro—Number of establishments, 179; amount of capital invested, \$5,833,100; average number of persons employed, 5,106; total wages paid, \$2,354,880; value of stock used, \$4,106,820.

Mansfield.—Number of establishments, 53; amount of capital invested, \$557,480; average number of persons employed, 571; total wages paid, \$274,840; value of stock used, \$485,531.

North Attleboro.—Number of establishments, 116; amount of capital invested, \$2,014,999; average number of persons employed, 2,162; total wages paid, \$1,160,059; value of stock used, \$1,609,569.

Value of goods made and work done in Attleboro—1895—\$4,225,189; 1900—\$9,442,752; percentage of increase, in manufactures, 123.49; in population, 36.76. Mansfield—in 1895—\$936,496; in 1900—\$1,085,804; percentage of increase, in manufactures, 10.60; in population, 7.63. North Attleboro—1895—\$2,959,794; 1900—\$3,990,781; percentage of increase, in manufactures, 34.82; in population, 10.30.

## Trans-Atlantic Voyagers.

### FROM EUROPE.

Louis E. Kirstein arrived, last week, on the *Kronprinz Wilhelm*.

Oscar Straus, of L. Straus & Sons, New York, returned, Saturday, on the *Vreeland*.

P. J. Cummings, of P. J. Cummings Co., Attleboro, Mass., returned, Tuesday, Sept. 16, on the *Laurentian*.

W. C. Codman, of the Gorham Mfg. Co., New York, returned, Saturday, on the *Lucania*.

Charles Begerow, of Herpers Bros., Newark, N. J., returned, last week, on the *Pennsylvania*.

J. Heilbronn, of J. Heilbronn and S. Marchand, New York, returned, Thursday, on the *Columbia*.

### TO EUROPE.

F. R. Appleton, of Robbins & Appleton, New York, accompanied by his wife, sailed, yesterday, on the *Kronprinz Wilhelm*.

# H. GATTLE,

MAKER OF

## HIGH GRADE DIAMOND JEWELRY.

IMPORTER OF

## DIAMONDS AND PRECIOUS STONES,

DESIGNS AND  
ESTIMATES FURNISHED.

65 Nassau St., Prescott Bldg., New York.

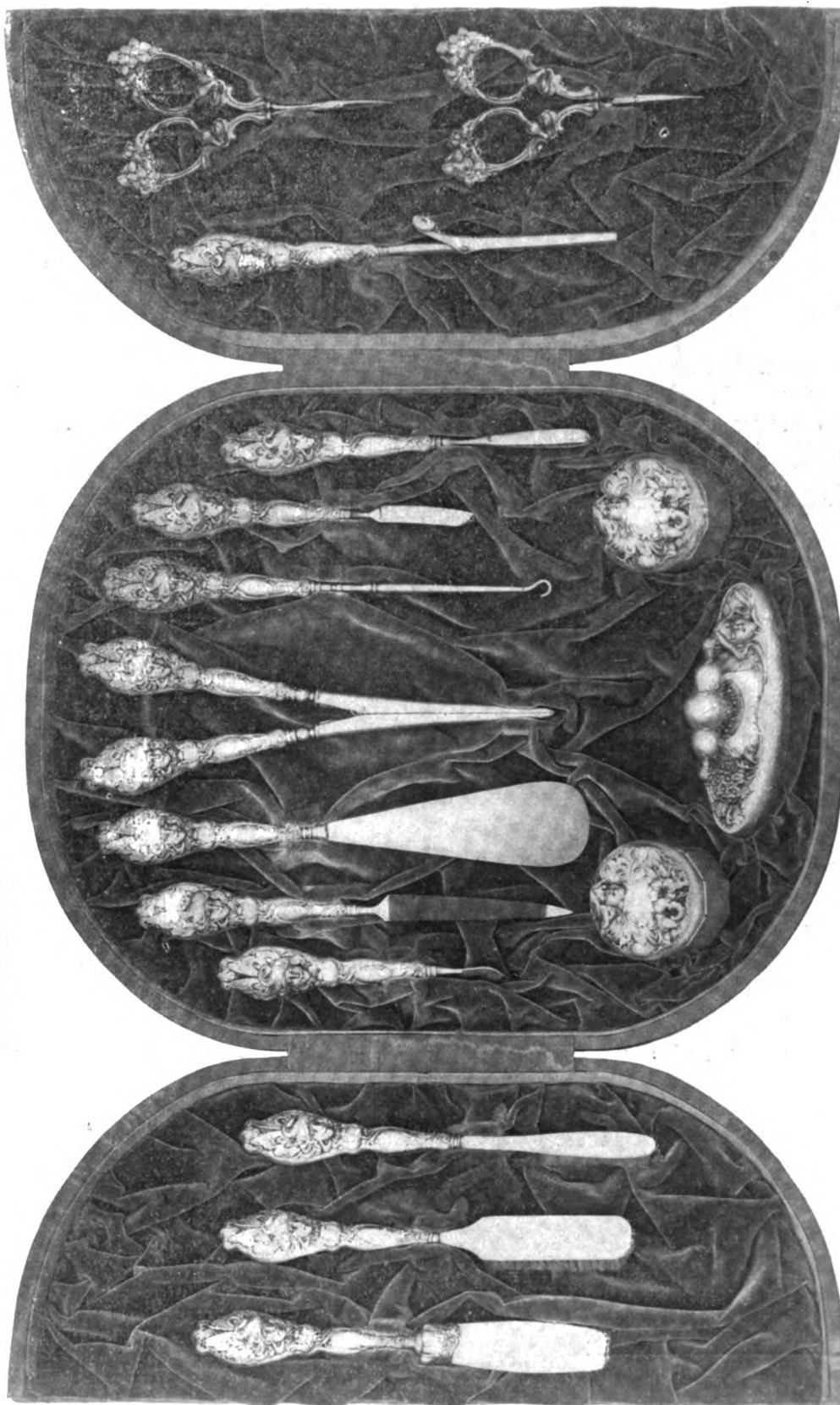
MEMORANDUM  
ORDERS SOLICITED.



# The Butterfly Girl. NEW PATENTED FOLDING MANICURE SET.

SMALL AND COMPACT — DISAPPEARING CASE BACK. COMES IN 6, 9, 11 and 16 PIECE SETS.  
PURPLE SILK CASE, VELVET LINED. ILLUSTRATION ONE-THIRD SIZE. DESIGN PATENTED.

WRITE FOR CATALOGUE.



Factory,  
Newark, N. J.

192 Broadway, N. Y.



WOODSIDE STERLING CO.,



### Reappraisements.

The following reappraisements of merchandise were made by the Board of United States General Appraisers last week:

Decorated china from M. Schweizer, Stadtlengsfeld, July 14, 1902. Teller S. 20½ c. m. 0507, Lg. 1610, entered at 21.60 marks per gross. Do., 18¾ c. m. do., 1611, entered at 20.40 marks per gross. Do., 16½ c. m. do., 1612, entered at 16.80 marks per gross. Rabatt, 8 per cent. Add cases. Cash discount, 2 per cent. No advance.

Articles of glass, colored, from Asch, June 10, 1902: Glasanz, entered at .80, advanced to 1.10 Austrian crowns each.

Cut glassware, from Cesare Caecchiattelli, Lucerne, March 1, 1902: One crystal cup, entered at 450, advanced to 2,000 francs.

Have you' placed a sample order yet for the new model 6-size FORTUNA?

If not, why not?  
They sell at sight and give satisfaction to the most particular customers.



No. 300.—7 Jewels, Nickel Damaskeened, Cut Expansion Balance, Safety Pinion, Screw Bankings, Straight Line Lever Escapement, Hardened and Tempered Breguet Hair Spring, Quick Train, Exposed Winding Wheels, Handsome White Enamel Dial with Depressed Second and Red Marginal Figures. Stem Wind and Lever Set. (Open Face without Second Hand when desired.)

Write for price-list.

We make other movements also.

**Trenton Watch Co.,**  
TRENTON, NEW JERSEY.

**Charles M. Prior,**  
DESIGNER.

Original Designs for Sterling Silver.  
Fine Etching.

685 Madison Ave., New York.

**PEARLS BOUGHT FOR CASH.**

If a customer should bring you any Diamond or Pearl jewelry to sell, and you do not care to buy it yourself, take it to

**CHAS. S. CROSSMAN & CO.,**  
NO. 3 MAIDEN LANE, NEW YORK,  
where you can have an immediate Cash Offer.  
Established 1880.



F. C. Klein, F. C. Klein & Bro., Chicago, Ill., has returned from a business trip to St. Paul, Minn.

D. J. Reagan left Indianapolis, Ind., Sept. 17, on his Iowa and Missouri trip for the Baldwin, Miller Co.

F. E. Hyatt, western representative of the Philadelphia Watch Case Co., returned to Chicago, Ill., from a western trip, last week.

Among the eastern representatives in St. Louis, Mo., last week, were: Charles Boss, American Cuckoo Clock Co.; Morris Lissauer, Ingomar Goldsmith & Co.; L. Seligsberger, John Schimpf & Sons.

Representatives of American houses calling on the Toronto, Can., trade, last week, included: George Kenrick, Reed & Barton; W. H. Ingersoll, R. H. Ingersoll & Bro.; and Izri W. Lederer, S. & B. Lederer Co.

Traveling men in Indianapolis, Ind., last week, included: Donald Le Stage, H. D. Merritt & Co.; Charles A. Whiting, Whiting & Davis; Robert B. Steele, Kohn & Co.; Arthur C. Macy, Fred W. Lewis & Co.; Mr. Smith, E. H. H. Smith; Rudolph Noel, Albert Lorsch & Co.; W. R. Boss, Hutchison & Huestis; A. Kiersky, Goehring Mfg. Co.

A large number of traveling men were in Portland, Ore., last week. Among them were: R. F. Allen, Morgan & Allen Co.; Sig. Goldsmith, A. Goldsmith & Son; Jake Marx, Kossuth Marx Jewelry Co.; David Beer, Bernheim & Beer; Herman Abraham, S. Cohn & Co.; S. Weinschenk, A. Judis Co.; and Mr. Barker, Mr. Whitney and Mr. Eisenbach, of San Francisco.

Among the representatives of wholesale houses who, recently, visited the trade in Detroit, Mich., were the following: E. F. Strickland, American Clock Co.; P. M. Layman, Riker Bros.; Charles E. Bride, Bride & Tinkler; George A. Stockder, J. D. Bergen Co.; D. Skutch, New Haven Clock Co.; Fred H. Allen, D. Wilcox & Co.; D. Wile, Buffalo Jewelry Case Co.

The following representatives, last week, called upon the Columbus, O., trade: C. W. Cary, J. B. & S. M. Knowles Co.; Robert B. Steele, Kohn & Co.; F. Van Olinda, New England Watch Co.; J. T. Griffith, Jr., Carter, Howe & Co.; J. A. Bechet, Shafer & Douglas; F. L. Baker, Non-Retailing Co.; Mr. Goodwin, Durand & Co.; D. Skutch, New Haven Clock Co.

Among the representatives calling upon the Pittsburgh, Pa., trade, during the past week, were: Mr. Remington, Carter, Qvarnstrom & Remington; G. C. Hudson, G. C. Hudson & Co.; E. J. Walther, D. F. Briggs Co.; Alpin Chisholm, Bugbee & Niles Co.; George L. Paine, E. I. Franklin & Co.; O. R. W. Worm, Schoch & Frank; Mr. Sinnock, Ehrlich & Sinnock; and H. A. Scofield, Scofield, Melcher & Scofield.

Representatives of wholesale firms visiting the Boston trade, last week, included the following: E. E. Stockton, E. Inghram Co.; John T. Miller, Seth Thomas Clock Co.; Mr. Chase, Ludeke & Chase; Mr. Fries, F. W. Lewis & Co.; Horace W. Dunham, International Silver Co.; Henry G. Thresher, Waite, Thresher Co.; Mr. Hughes, Moore & Co.; T. G. Frothingham, Jr., T. G. Frothingham & Co.; Mr. Pettingill, International Silver Co.; Mr. Kent, F. W. Weaver & Co.; Louis Stern, Louis Stern & Co.; C. Frank Burns, Fairpoint Corporation; F. S. Gilbert, F. S. Gilbert & Co.; Arthur Simonds, Stern Bros. & Co.

Among the representatives of eastern houses in St. Paul and Minneapolis, Minn., last week, were: G. W. Blecker, Martin, Copeland & Co.; J. B.

Richardson, Payton & Kelly Co.; Mr. Jennings, George R. Holmes & Co.; representative of Ford & Carpenter; representative of Cheever, Tweedy & Co.; W. F. Barker, R. Wallace & Sons Mfg. Co.; William Schussman, H. F. Hahn & Co.; Sam Zimmern, Henry Zimmern & Co.; H. E. Cobb, Daggett & Clap Co.; Mr. Cook, Fontneau & Cook; Mr. Southwick, Union Braiding Co.; Charles Offerman, William Smith & Co.; representative of Philadelphia Watch Case Co.; and J. F. Garland, L. H. Keller & Co.

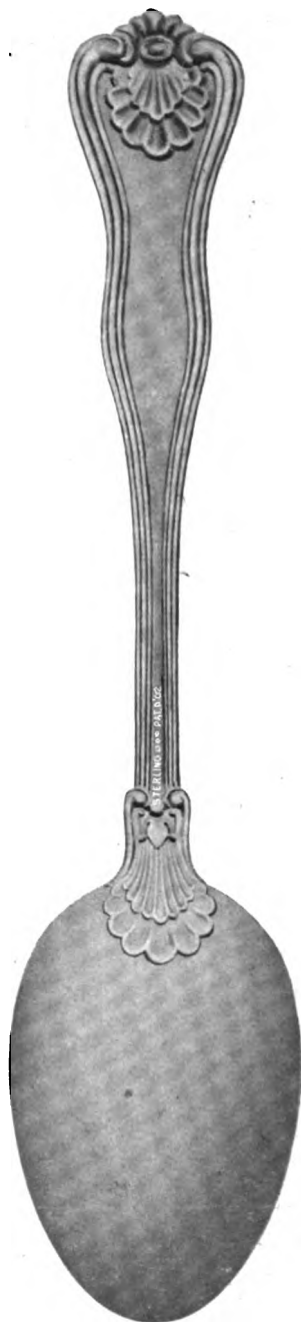
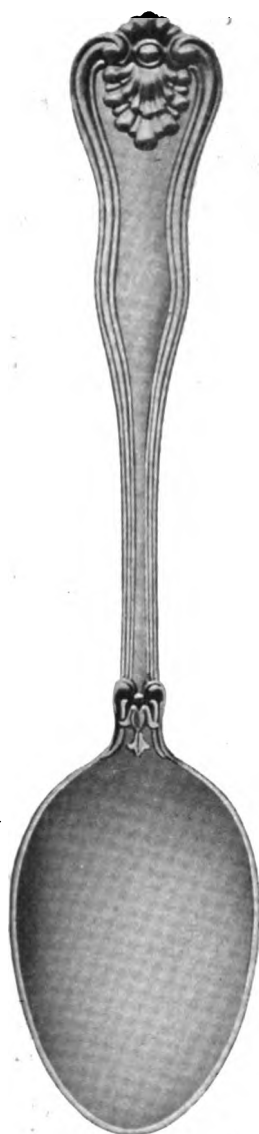
The following representatives visited the Louisville, Ky., trade, last week: Milton Rosenbach, W. L. Rosenfeld; A. M. Brinckle, Maple City Glass Co.; L. M. Frank, L. Weil & Son; C. B. Bartlett, Whiting Mfg. Co.; Morris Lissauer, I. Goldsmith & Co.; H. G. Schramm, Schrader-Wittstein Co.; A. L. Zugsmith, Seamless Wire Chain Co.; Jerome L. Lissauer, David Marx; Jerome C. Cook, Champenois & Co.; Thomas Maddox, Simons, Bro. & Co.; Mr. Glidden, Shepard Mfg. Co.; George W. Birnbaum, Ehrlich & Sinnock; Mr. Roehr, Bassett Jewelry Co.; W. B. Worthley, Deitch Bros.; A. J. Augustin, Dennison Mfg. Co.; F. Koch, American Morocco Case Co.; I. Oppenheim, A. & J. Plaut; Morris Klipper, Hipp, Didisheim & Bro.; W. G. Andrews, C. Sydney Smith; H. D. Crether, Hayden W. Wheeler & Co.; M. F. Thornton, Eisler & Laubheim; Mr. Cary, Moore & Son; John Nathan, Ciner & Seelman.

The Fall rush of the traveling representatives of eastern jewelry houses to Kansas City, Mo., is now at its height. Last week's visitors included: W. A. Lamb, George H. Fuller & Son Co.; H. B. Kennion, Park Bros. & Rogers; B. H. Blank, Hammel, Riglander & Co.; William Rosenberger, A. Wallach & Co.; J. S. Frank, Sussfeld, Lorsch & Co.; O. J. Wilmarth, Merry & Pelton Silver Co.; Fred J. Wirtz, Spencer Optical Mfg. Co.; Mr. Cook, Fontneau & Cook; Jul. F. Schuman, Jr., William Kinschert; J. B. Richardson, Payton & Kelly Co.; Mr. Gross, Rogers Silver Plate Co.; James A. Zobel, James M. Cohen & Co.; E. R. Bennett, Burns Mfg. Co.; J. A. Patterson, Hayden W. Wheeler & Co.; Lawrence H. Smith, Bippart, Griscom & Osborn; S. W. Abbey, Ira Richards & Co.; W. G. Andrews, C. Sydney Smith; W. S. Dudley, International Silver Co.; Phillip K. Hills, Hayden W. Wheeler & Co.; Arthur E. Hall, International Silver Co.; A. B. Carr, Link & Angell; Mr. Delano, Day, Clark & Co.; C. A. Hulstrom, Wilcox & Everts; A. J. Keasler, Aurora Silver Plate Mfg. Co.; W. R. Hammond, J. F. Fradley & Co.; Mr. LeRoy, Western Clock Mfg. Co.; T. M. Schroeder, Schickerling Bros.; H. D. Sherrill, Sinnock & Sherrill; James O. Otis, Harvey & Otis; D. J. Byers, Cincinnati Gold and Silver Refining Co.; H. Carter, Mockridge Jewelry Co.; W. F. Boss, Hutchinson & Huestis; Charles Untermeyer, Keller & Untermeyer Mfg. Co.; Mr. Love, Knickerbocker Silver Co.; C. H. Cook, C. H. Cook Co.; Mr. Pierce, Bay State Optical Co.

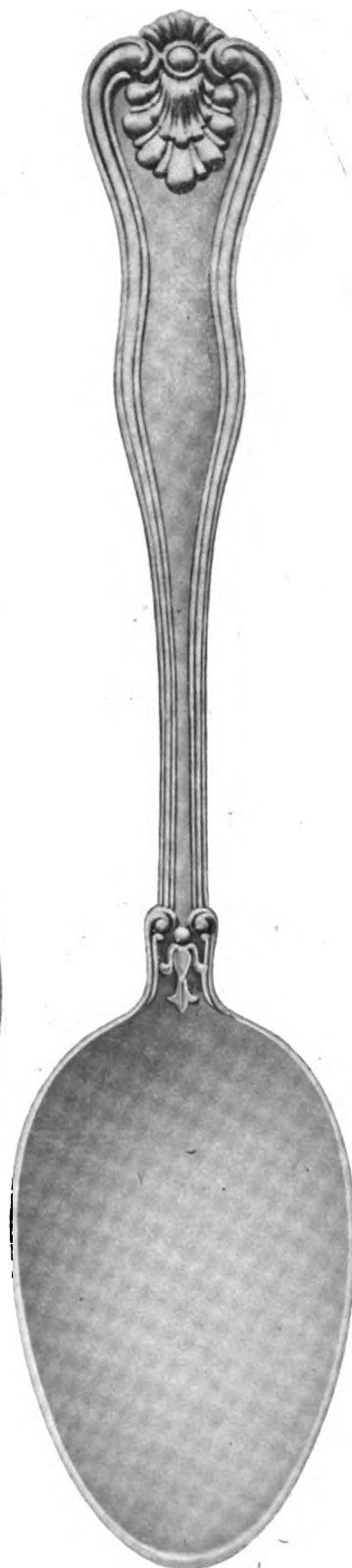
Representatives of wholesale houses calling on Syracuse, N. Y., jewelers, during the past two weeks, included: Franklin S. Ottley, Riker Bros.; J. Goldberg; William B. Tilton, D. C. Percival & Co.; Irving Michaels, Frolichstein & England; Arthur Totten, Larter, Elcox & Co.; J. A. Granbery, J. A. & S. W. Granbery; S. Glenn Walsley, Hermann Baum; W. S. Gardner, Bassett Jewelry Co.; L. Ellmore, La Pierre Mfg. Co.; E. M. Bracher, Bracher, Becker & Barnett; J. Laffey, Gorham Mfg. Co.; L. Henry Jurgens, Snow & Westcott; W. H. Bryant, T. G. Hawkes & Co.; Rudolph Rothschild, Rice & Hochster; E. W. Delar, William S. Hicks' Sons; R. T. Supple, William B. Durgin Co.; V. L. Burgess, Klements & Co.; W. Kelly Weems, White & Major; L. H. Murphy, Hermon August; H. Rosensted, B. H. Davis & Co.; Theo. L. Parker, Martin, Copeland & Co.; L. E. Waterman, L. E. Waterman Co.; O. Krause, Arthur W. Ware & Co.; Benjamin Westervelt, New England Watch Co.; Mr. Wile, Buffalo Jewelry Case Co.; W. H. Pullman, William Kinschert; George L. Paine, E. I. Franklin & Co.; D. Skutch, New Haven Clock Co.; H. E. Kingman, Arnold & Steere; W. F. McChesney, Dominick & Haff; J. P. D. Shiebler, Andrew K. Shiebler & Son; Percy D. Lucas, Mauser Mfg. Co.; F. C. Gick, J. Hoare & Co.; Edwin C. McCarter, Wilcox & Wagoner; Mr. Goodwin, Durand & Co.; E. P. Tiffany, F. H. Sadler & Co.; E. A. White, George L. Vose Mfg. Co.; George H. Kettlety, Albro & Co.; Mr. Butts, George H. Fuller & Son Co.; A. L. Reach, F. H. Noble & Co.; E. P. Ledos, Ledos Mfg. Co.; S. R. Hawley; Mr. Jones, C. A. Marsh & Co.; Mr. Woodmancy, Potter & Buffinton; Anson D. Manning, D. Wilcox & Co.; Frank W. Harmon, M. B. Bryant & Co.; F. L. Bride, Roger Williams Silver Co.; Mr. Haribart, American Optical Co.



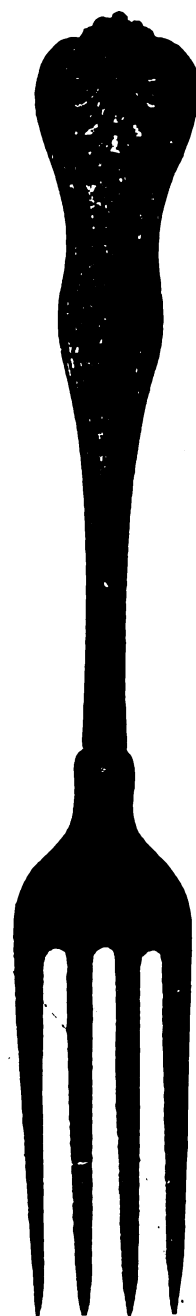
# The Alexandra



REVERSE.



REVERSE.



MADE IN ALL WEIGHTS.

COMPLETE LINE  
OF FANCY PIECES.

**DOMINICK & HAFF,** Silversmiths,  
860 Broadway, New York.





No. 2000. Hair Brush, large.



No. 2000. Military Brush.



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*R. Wallace &*  
Silv  
*Wallingfor*  
*Chicago.*

*New York.*

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No. 2000. Ring Handle  
Mirror, large.



No. 2000. Cloth Brush.

ns Mfg. Co.,

Connecticut.

San Francisco.

London.





# Waltham Watches.

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The issue of the following described movement  
is announced:

**APPLETON, TRACY & CO. PREMIER.**



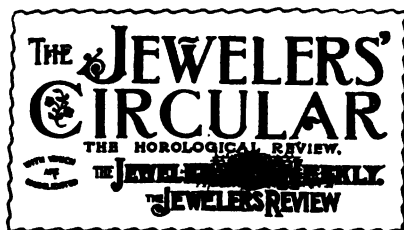
Nickel; 17 Ruby Jewels; Gold Settings; Jewel Pin set without Shellac; Double Roller Escapement; Steel Escape Wheel; Exposed Pallets; Compensating Balance in Recess, Adjusted to Temperature and Five Positions; Patent Breguet Hairspring, Hardened and Tempered in Form; Patent Micrometric Regulator; Tempered Steel Safety Barrel; Exposed Winding-wheels; Double Sunk Dial.

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MANUFACTURED AND WARRANTED BY THE

**American Waltham Watch Company,**  
WALTHAM, MASS.





PUBLISHED EVERY WEDNESDAY BY,  
**THE JEWELERS' CIRCULAR PUB'G CO.,**  
 11 JOHN ST., COR. BROADWAY, NEW YORK.  
 TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWELAR, NEW YORK.

VOL. XLV. SEPT. 24, 1902. No. 8.

Subscription in U.S., Canada and Mexico, \$2.00  
 Other Countries in Postal Union, 4.00  
 Single Copies, .10

Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

## PRIZE ESSAY WINNERS.

The high order of merit which characterized many of the compositions in Prize Essay Competition No. 7, "How to Start and Stock a Jewelry Business With \$3,000 Capital," far surpassed that of all the previous essays. Consequently it was only after long and careful deliberation that the three judges succeeded in awarding the prizes in the order of merit. Owing, moreover, to the number of meritorious essays, it was deemed necessary, out of justice to the contestants, to award four prizes instead of the customary two—two first prizes of \$15 each, one prize of \$10 and one of \$5. The compositions signed L. E. S. and F. L. B., respectively, were ranked "*ex aequo*" and awarded first prize. C. T. E. received second prize and J. S. third prize.

We therefore announce the following winners in the prize essay competition:

First prize—"L. E. S."—Leslie E. Soggs, Binghamton, N. Y.

Second prize—"F. L. B."—Frank Le Bron, Keokuk, Ia.

Third prize—"C. T. E."—Chas. T. Evans, Utica, N. Y.

Fourth prize—"J. S."—J. R. Sprague, Newport News, Va.

**A Petition** **FOR** many months **THE CIRCULAR** to Mayor Low. **WEEKLY** has been receiving complaints

from retail jewelers in New York and other cities, to the effect that their business was materially interfered with by the acts of pawnbrokers, who purchased goods in the regular market, and then exposed them for sale in their windows and show cases as unredeemed pledges. Though the prices charged are about the same as those which the jeweler puts on similar goods, the pawnbroker, so the dealers claim, has an unfair advantage, inasmuch as he leads the public to believe that the articles are being sold to cover the liens upon them, and are cheaper than they could be had ordinarily at regular sale.

Acting upon the complaints, **THE CIRCULAR-WEEKLY** obtained from an eminent

lawyer, who has made a study of the laws relating to pawnbrokers for many years, an analysis of Chapter 339 of the Laws of 1883, as amended by Chapter 363 of the Laws of 1884, and Chapter 240 of the Laws of 1890, by which the business of the pawnbroker is limited and regulated. The conclusion which this expert came to from a study of these laws and the decisions upon them by the highest courts of New York was to the effect that goods sold as unredeemed pledges must have been unredeemed pledges in point of fact, and an unredeemed pledge so offered for sale must have been one which remained unredeemed during the statutory period of one year, and then bought in by the pawnbroker at a sale, with a view to protect himself to the amount of his lien for money advanced. Where any other articles were offered for sale as unredeemed pledges by a pawnbroker, the pledgee violated the acts under which he did business.

Acting on the information contained in this editorial, some public spirited jewelers have drafted a petition to Mayor Low of New York, asking his aid in putting a stop to the illegal practices complained of, and the petition, which is published in full in another column of this issue, has already been signed by about 50 retail jewelers. It will no doubt be signed by many more as soon as the fact that this movement has been inaugurated becomes generally known to the trade.

## Johannesburg Diamond Exporters Predict Rich Diamondiferous Strata In Denver, Col.

Word has just been received that J. P. Nag Paraya, representing the firm of Jose Pereira do Prado & Son, of Bahia City and Johannesburg, diamond exporters and gold miners, is in Denver, Col., looking over the field for precious stones. Mr. Nag Paraya, in an interview, is reported to have said:

"I think there are parts of Colorado which will some day yield more wealth in precious stones than the hills have ever turned out in gold or silver. I shall explore Platt Canyon, taking a man and camping outfit along. I am confident I shall find diamonds in the sandstone, which is invariably of a more recent formation than the precious stones which are found in the position of *non situ*, or the result of fluvial action.

"If diamonds are found in the canyon many of them will be large, for the granite, sandstone and conglomerate show the disintegrating action of weather, which in other districts accounts for the peculiar way in which diamonds and carbons are encountered, and for the fact that large diamonds and carbons are frequently found in heaps of stone which were worked years ago and have since further disintegrated. The geological formation here is such that often a gully or crevice full of debris which ages ago either disintegrated or was washed from a higher level is so located as to be easily accessible."

It is said that Mr. Paraya will spend several weeks in Platt Canyon and that he sees no difficulty in obtaining title from the government to any open land he may desire if he can show that diamonds exist in Colorado hills.

## New York Jewelers Petition Mayor Low to Stop Pawnbrokers' Illegal Sales.

Acting on the editorial which appeared in **THE CIRCULAR-WEEKLY** July 23, giving an analysis of the Pawnbrokers' Law with the statement of legal experts to the effect that under it pawnbrokers had no right to deal in new goods or sell the same on the pretense that they were unredeemed pledges, a petition has been drafted asking the Mayor to help the retail jewelers put a stop to this illegal practice, which has already been signed by about 50 retail jewelers, and will no doubt be signed by many more within a short time.

Copies of this petition have been left in the office of **THE JEWELERS' CIRCULAR-WEEKLY**, where they may be signed by any jeweler who desires to do so. The text of the petition is as follows:

TO THE HONORABLE SETH LOW, MAYOR OF GREATER NEW YORK:

SIR: We, the undersigned, retail jewelers of the City of New York, most respectfully submit herewith to your Honor our complaint against the gross injustice done to retail jewelers by the pawnbrokers of this city, in exhibiting and offering for sale among their watches, diamonds and jewelry not only old articles, but new goods, which the law does not entitle them to sell.

We therefore trust that your Honor will not suffer such injustice to be done by the pawnbrokers, and will put a stop to their unlawful exhibits and sale of goods, by which they cut off the trade of legitimate jewelers.

The following jewelers have already signed it: Isidor Lindner, 2328 Third Ave.; Frank Belmonte, 2255 Third Ave.; Paul Loucheim, 2206 Third Ave.; Edward Rundbach, 2196 Third Ave.; J. Bergman, 2154 Third Ave.; V. Backer, 2313 Eighth Ave.; Ernest Wolff, 328 W. 125th St.; Louis Gotthold, 2345 Eighth Ave.; A. Chasen, 2477 Eighth Ave.; M. Abramson, 2526 Eighth Ave.; M. P. Brann, 231 Eighth Ave.; Eugene Bickard, 270 Eighth Ave.; H. G. Jansen, 277 Eighth Ave.; Walter R. Heinrich, 325 Eighth Ave.; Michael Roth, 405 Eighth Ave.; I. W. Rauth, 485 Eighth Ave.; Morris L. Weinstein, 455 Eighth Ave.; Fred. J. Reith, 467 Eighth Ave.; C. H. Scholermann, 159 E. 125th St.; I. Ganopof, 2068 Third Ave.; Abramowitz Bros., 2017 Third Ave.; B. Klein, 1384 Fifth Ave.; Otto Goldsmith, 114 W. 125th St.; A. Kaufman, 202 W. 125th St.; Samuel Elvowsky, 218 Willis Ave.; William J. Hoppe, 731 E. 138th St.; K. Kronenberger, 608 E. 138th St.; A. P. Nahmens, 262 W. 125th St.; Alphonse Weiner, 2693 Third Ave.; A. Landau, 503 Sixth Ave.; M. Emers Schuette, Eighth Ave.; M. Ryan, 706 Eighth Ave.; A. Bottstein, 623 Eighth Ave.; M. Levine, 2595 Eighth Ave.; Berthold Mücke, 2647 Eighth Ave. and 1711 Amsterdam Ave.; E. Brown, 1762 Amsterdam Ave.; H. Spirits, 1812 Amsterdam Ave.; D. M. Bipell, 1667 Amsterdam Ave.; I. Kantro, 2096 Third Ave.; David Bick, 360 Third Ave.; Francis A. Poeltz, 377 Third Ave.; Chas. Hoenninger, 529 Third Ave.; J. Krauss, 590 Third Ave.; Davidow Bros., cor. Third Ave. and 124th St.; A. & H. Hirschberg, 28 W. 125th St.; Henry R. Alexander, 24 E. 125th St.



### Last Week's New York Arrivals.

THE CIRCULAR WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of \$10. (payable in advance) a daily list will be furnished, during the fall season (ending Dec. 10), at the offices of those desiring this service.

ALBANY, N. Y., F. Sherman (William Whitney & Co.), Herald Square.  
 ATLANTA, GA., W. J. Davis (Davis & Freeman), Marlboro.  
 Julius R. Watts, Orange, N. J.  
 BALTIMORE, MD., W. W. Frederick (Stewart & Co.), Navarre.  
 BOSTON, MASS., J. M. Bacon, Astor.  
 BROOKVILLE, PA., C. B. Gruth, Broadway Central.  
 BUFFALO, N. Y., C. Straus, Raleigh.  
 CHICAGO, ILL., Miss Driscoll (A. M. Rothschild & Co.), 48 Leonard St.  
 L. Felsenthal (Felsenthal Bros. & Co.), Herald Square.  
 O. E. Bell, Imperial.  
 R. Quinn (Marshall Field & Co.), Normandie.  
 CLEVELAND, O., W. C. Ball (Webb C. Ball Co.), Grand Union.  
 COLUMBUS, O., J. H. Dunn (Dunn, Taft & Co.), Broadway Central.  
 CONCORD, N. H., G. F. Durgin, Manhattan.  
 DETROIT, MICH., M. A. Krausman (Hunter & Hunter), Broadway Central.  
 DUBOIS, PA., A. C. Guth, Broadway Central.  
 HARTFORD, CONN., C. R. Hansel (Hansel, Sloan & Co.), Park Avenue.  
 F. H. Sloan (Hansel, Sloan & Co.), Park Avenue.

KALISPELL, MONT., P. Jacoby, Astor.  
 KANSAS CITY, MO., J. R. Mercer, Imperial.  
 LANCASTER, PA., W. W. Appel, Criterion.  
 C. E. Bowman, Astor.  
 J. J. Bowman, Astor.  
 LITTLE ROCK, ARK., Gus Bloss (Gus Bloss D. G. Co.), Marlboro.  
 MEMPHIS, TENN., E. L. Burns, Imperial.  
 W. Goodman, Park Ave.  
 MONTGOMERY, ALA., C. L. Ruth (C. L. Ruth & Son), Union Square.  
 NASHVILLE, TENN., J. B. Carr (B. H. Stief Jewelry Co.), Hoffman.  
 NIAGARA FALLS, N. Y., Albert M. Thomas (Thomas & Wittigslager), 9 Maiden Lane.  
 PETERSBURG, VA., J. Buchanan, Astor.  
 PHILADELPHIA, PA., H. Darmstadter (Lit Bros.), Imperial.  
 W. P. Sackett (John Wanamaker), St. Denis.  
 J. L. Adrian (Marks Bros.), Victoria.  
 PHILLIPSBURG, PA., H. Reiling (J. M. Reiling & Co.), Union Square.  
 PITTSBURGH, PA., S. Cerf (Sol. Cerf & Co.), Astor.  
 H. H. Durbin (Durbin & Fuhr), St. Denis.  
 W. Heeren (Heeren Bros. & Co.), Astor.  
 D. T. Reed, Manhattan.  
 C. J. Sankey, Cosmopolitan.  
 PORTLAND, ORE., A. Feldenheimer (A. & C. Feldenheimer), Imperial.  
 READING, PA., Miss M. Parvin (Dives, Romero & Stewart), 2 Walker St.  
 RICHMOND, VA., C. F. Kohler, Marlboro.  
 SALEM, MASS., Miss M. Henderson (Almy, Bigelow & Washburn), St. Denis.  
 SCHENECTADY, N. Y., L. Rubenstein, Herald Square.  
 SHREVEPORT, LA., W. Winter (N. Y. Dry Goods Co.), Herald Square.  
 ST. LOUIS, MO., C. F. Mathey (Mermod & Jacard Jewelry Co.), Waldorf-Astoria.  
 SYRACUSE, N. Y., E. J. Home, Jr., Rossmore.  
 G. E. Wilkins, Grand Union.

TOLEDO, O., J. J. Freeman (J. J. Freeman & Co.), Herald Square.  
 UNIONTOWN, PA., G. M. Bailey, Astor.  
 UTICA, N. Y., J. Gompl, Grand Union.  
 J. C. Mizer (A. S. & T. Hunter), 55 White St.  
 WASHINGTON, D. C., Mrs. J. C. Nourse (Woodward & Lathrop), Holland.  
 C. E. Berry (Shaw & Berry Co.), Imperial.  
 WATERBURY, CONN., N. F. B. Hanson, Astor.  
 WAVERLY, N. Y., P. W. Towner, Albert.  
 WINCHENDON, MASS., W. T. Cummings, Marlboro.  
 ZANESVILLE, O., O. A. Baurer (Baurer Bros.), Belvedere.

### Importations at the Port of New York.

Weeks Ended Sept. 20, 1901, and Sept. 19, 1902.

	1901.	1902.
China, Glass and Earthen Ware:		
China .....	\$108,432	\$89,016
Earthen ware .....	15,082	14,830
Glass ware .....	43,321	28,794
Optical glass .....	2,455	186
Instruments:		
Musical .....	25,725	27,036
Optical .....	16,163	11,775
Philosophical .....	8,556	2,970
Jewelry, etc.:		
Jewelry .....	15,248	22,049
Precious stones .....	240,022	280,517
Watches .....	23,923	24,731
Metals, etc.:		
Bronzes .....	2,466	6,647
Cutlery .....	29,439	39,157
Dutch metal .....	2,588	.....
Platina .....	18,715	87,398
Plated ware .....	.....	785
Silverware .....	1,964	2,898
Miscellaneous:		
Alabaster ornaments .....	923	513
Amber .....	2,988	8,426
Beads .....	4,887	4,527
Clocks .....	6,129	11,026
Fans .....	19,064	2,649
Fancy goods .....	6,401	8,478
Ivory .....	871	2,478
Ivory, manufactures of .....	868	461
Marble, manufactures of .....	21,266	36,916
Statuary .....	8,047	8,643

### Art and Tragedy in Old Jewels.

ART jewelers are paying enormous prices for antique ornaments, says the *Commercial Advertiser*, especially those whose beauty consists chiefly in remarkable workmanship rather than the weight of the gems with which they are set. The woman who relies chiefly upon the creations of some other woman of ideas and originality is, if she had not the wealthy ancestors to bequeath them to her, seeking old-fashioned ornaments in second-hand stores and pawnshops.

The most exclusive and high priced jewelers in the large cities are sending out agents to procure for them the former treasures of bankrupt aristocrats. It is said that several New York firms have sent such agents to New Orleans, which promises a rich harvest of old gems.

This innovation has also brought forward the reproduction of prehistoric ornaments. A few old Egyptian pieces, too, are being copied. In one shop is a duplicate of a famous old Egyptian bracelet. All this work is done by hand and is of hammered gold. It is linked with jewels, and the medallions are in a relief of the sphinx, the snake and a woman's head. The work is so fine that, placed beneath a microscope and enlarged 10 times, it is still perfect. The price of this trinket is \$400.

Another Egyptian circlet is a band of emeralds and diamonds half an inch wide.

## URGENT CALLS!

We can fill urgent calls for Diamonds and Diamond Jewelry because we're first hands and always carry a large and well-assorted stock.

Remember us whenever you have a particularly urgent call.

**CROSS & BEGUELIN**  
17 MAIDEN LANE

# CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

48 Rue de Meslay, PARIS

Telephone, 2188 Cortlandt

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**New York Notes.**

A patent on a stem winding and stop watch has been issued to Morris Bassoff, of Brooklyn.

R. Guntzberger, 51 Maiden Lane, has removed to new quarters on the eighth floor of the same building.

The S. F. Myers Co. is getting out its new annual catalogue, which will be ready for distribution in about a month.

Charles Begerow has been put in charge of the New York office of Herpers Bros., Newark, N. J., which was opened recently at 41 Maiden Lane, room 20.

A small fire in the cellar of the three-story brick tenement occupied by Davidow Bros., 24th St. and Third Ave., caused damage, Wednesday, amounting to \$50.

Louis Castagnetta, of O. Castagnetta & Son, was a delegate elected to represent the 32d Assembly district of Manhattan at the Republican Convention at Saratoga, N. Y.

Albert Pfeifer, of Little Rock, Ark., with New York offices at 13 Maiden Lane, has associated himself with his brother and has changed the style of the firm to Albert Pfeifer & Bro.

D. L. Safford, secretary of the Jewelers Association and Board of Trade, made a flying trip to Grand Rapids, Mich., last week, in the interest of the creditors of David W. Davis.

While bathing at Atlantic City, Sunday, Mrs. W. T. Hick, of New York, found a black pearl while trying to open an oyster on the beach. She took her find to the Hotel Rudolf, where she received \$150 for it.

Creditors of Lafayette Lilienstern, late of Lilienstern & Lake, who applied for a discharge of his debts in bankruptcy recently, are ordered to be present at the hearing upon the petition to be held before United States District Judge George B. Adams on Oct. 1 at 10.30 A. M., and show cause

if they have any why the discharge asked for should not be granted.

C. Begerow, of Herpers Bros., Newark, N. J., with his family, returned, last week, from a four months' pleasure trip in Europe.

Ira S. Town, of Montpelier, Vt., who was at one time a silverware manufacturer, died, Saturday night, at the home of his son, 60 W. 84th St., New York. Mr. Town was manufacturing silverware as early as 1830. He came to New York in 1882. The cause of his death was general debility.

It is reported that a union of silver-smiths has been formed under the auspices of the Arcade Workers, an association of organizers connected with the Central Federated Union. The Arcade Workers report a membership of over 200. The president of the union is J. B. Clayton.

There was some excitement among several deputy sheriffs on the French Line pier when the steamship *La Touraine* arrived in New York, Saturday. The sheriffs were looking for a man described in a cable message from Paris as Charles Kubler. The cable called for Kubler's arrest, saying that he had in his possession stolen jewelry valued at \$14,000. Kubler was a Paris jeweler, and an attachment had been obtained against him by Henri Horne, of Paris, for an alleged breach of contract. Kubler was eventually found by the sheriffs and his baggage searched, but no jewelry being found, he was allowed to go free.

A man who the police say is Henry F. Robinson, alias "Peanut," whose picture is 5,669 in the Rogues' Gallery, was arrested Thursday night by two Central Office detectives. When searched at Police Headquarters later he turned out to be a sort of a walking jewelry store. On him was found a very much worn chamois bag tied with a pink ribbon in which was a great quantity of jewels worth about \$5,000. The prisoner was well dressed and had \$77 in

money. He refused to give any information whatever about himself. He was held as a suspicious person, and a general alarm sent out in the hope of locating a robbery which, the police say, would probably explain the possession of so much property by such a man.

Charles Zimmerman, a jeweler of 41 Irvin St., Jersey City, who was recently arrested in New York and released on \$2,000 bail on a charge of having stolen a quantity of gold and silver platinum from Abel Bros., of 64 John St., where he was employed, was arrested again, Sunday, in Newark, N. J., at the instigation of Abel Bros., who preferred additional charges against him. He was committed as a fugitive until requisition papers could be made out on which to bring him here. Abel Bros. recently notified Captain Titus of the Detective Bureau, that they had been robbed of about \$4,000 worth of gold and platinum. A few days ago Detective Sergeants Carroll and Long, of Newark, learned that a man was selling gold at the refineries in that city. They succeeded in capturing the fellow, whom Carroll promptly identified as Zimmerman, for he had arrested him once before for theft. Mr. Abel went to Newark, and there identified the prisoner, also the gold and platinum, which he said had been stolen from his place.

The executive committee of the Jewelers League ordered the following prizes to be offered the League members: A first prize of a gold watch costing \$75, to be awarded the member proposing the largest number of accepted members, exceeding five, from July 1, 1902, to Jan. 1, 1903; a second prize of a gold watch costing \$50, to be awarded the member proposing the largest number of accepted members, exceeding three, during the same time; a third prize of a 14 karat gold official League button, to be awarded every member proposing an accepted member during the same time; the

# Fine Glassware for the Table.

Plain, Engraved, Etched, Cut, and Rock Crystal Decorations.

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ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

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**1 Maiden Lane.**

**NEW YORK.**



first and second prizes to be presented or awarded at the next annual meeting of the League; the third prize to be given at the office of the League, or forwarded to the person entitled to the same. These prizes are now on exhibition in the window of the Gorham Mfg. Co., 21 Maiden Lane.

Leopold Stern, of Stern Bros. & Co., was elected a delegate from the 21st Assembly district to attend the Republican convention this week in Saratoga, N. Y.

Samuel B. Ross, who has been in Europe the past two months buying diamonds for Joseph H. Fink & Co., is now recovering from an illness that nearly proved fatal. Mr. Ross was taken ill early in August, and after undergoing an operation lay for days between life and death. His rapid recovery will be hailed with pleasure by his many friends on the "Lane," as he has always been popular. He will be home in about two weeks.

It was reported yesterday that the United States Silver Corporation, recently formed, was about to absorb many large silver and silver plate companies.

#### Mausser Mfg. Co. to Erect a New Building.

The Mausser Mfg. Co., 14 E. 15th St., New York, is to have a new building at the southwest corner of 31st St. and Fifth Ave., New York, on a plot 30.4 x 100 ft., with an L in the rear 20 x 43.3 ft.

The new structure will be seven stories high and will be occupied entirely by the company. The work of demolishing the old building now on the site, will begin in a few days and the new structure will be ready for occupancy in less than a year from now. It will be equipped with every modern convenience and will be used for show room and office purposes only. The old establishment at E. 15th St. will still be retained by the company and used as a factory. The company leased the new site on a \$200,000 valuation.

The business of this concern is growing very rapidly and the want of a suitable place in a good locality where the output of its factory could be shown to advantage has been felt for a long time. The company intends to run the old establishment in E. 15th St. to its fullest capacity.

Much of the room that is now being used for show room and office space will be given over entirely to manufacturing.

#### Death of Constantine Rosswog.

MADISON, N. J., Sept. 22.—Constantine Rosswog, one of the old-time manufacturing jewelers of New York city, died, Thursday, at his home in Madison, at the age of 81.

Mr. Rosswog retired from business several years ago, but he will be remembered by many of the older jewelers as one of the firm of Loskamp, Rosswog & Spies, and later of Rosswog & Spies. Still more recently he became associated with his son under the style of C. Rosswog & Son at 5 and 7 Maiden Lane.

When this firm dissolved in 1889 Mr. Rosswog went in business for himself, as a dealer in real estate, insurance and jewelry, and for the last 10 years had practically dropped out of business altogether.

The deceased was always a cordial, genial man, well liked by those with whom he came in contact and his death, even at his advanced age, will be regretted by many.

#### Tariff Decisions & Regulations.

The Board of Classification of the United States General Appraisers handed down a decision last week sustaining a protest of Chas. H. Wyman & Co., St. Louis, on a number of precious stones.

The merchandise was returned by the appraiser as "imitations of precious stones" and assessed for duty at the rate of 20 per cent. ad valorem under paragraph 435 of the tariff act of 1897. The protestants claimed that the goods were genuine precious stones, cut and not set, and dutiable at the rate of 10 per cent., under the same paragraph. The stones consist of amethysts, almandines and red agates. An expert at the Appraisers' stores testified that the stones were genuine and therefore the protest was sustained.

# SEVENTH

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WM. H. TAYLOR, {  
GEO. W. ADAMS, ASST. CASHIER.

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Edward R. Thomas, Crawford Fairbanks,  
W. Nelson Cromwell, R. W. Jones, Jr.,  
Chas. E. Levy, Hugh Kelly,  
Alex. McDonald, Wm. F. Carlton,  
Samuel Thomas, Erskine Hewitt.

## The Mercantile National Bank

OF THE CITY OF NEW YORK,  
BROADWAY AND DEY STREET,  
Solicits Accounts from the Jewelry Trade.

## THE CHATHAM NATIONAL BANK, NEW YORK.

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SOUND, CONSERVATIVE AND ACCOMMODATING.

Solicits the accounts of Merchants and Manufacturers, and offers a liberal line of credit, based upon reasonable balances and reasonable responsibility.

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ARNOLD KOHN, Vice-President.

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**JEWELERS** know the business value of creating and sustaining the impression that their stock is to be depended upon and that it represents the Newest and Most Approved Metropolitan Fashions of to-day.

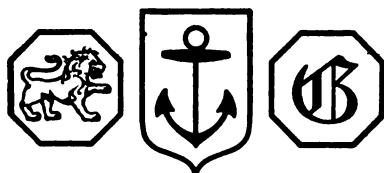
THE GORHAM M'F'G CO. MANUFACTURE FOR THE LEGITIMATE JEWELRY TRADE ONLY, AND DO NOT DISTRIBUTE THEIR WARES THROUGH THE DRY GOODS OR DEPARTMENT STORES, EITHER SURREPTITIOUSLY OR OTHERWISE.

Buyers of Jewelry and Silverware are particular buyers. They look to the Jeweler for advice in selection and trust his judgment and special knowledge of the intrinsic value of what they buy.

A Jeweler who keeps Gorham Silver establishes the right feeling of confidence at the start.

The Gorham Trade-mark has been for more than fifty years a guarantee of quality and workmanship.

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PARIS, 1900



FIVE GOLD MEDALS  
BUFFALO, 1901

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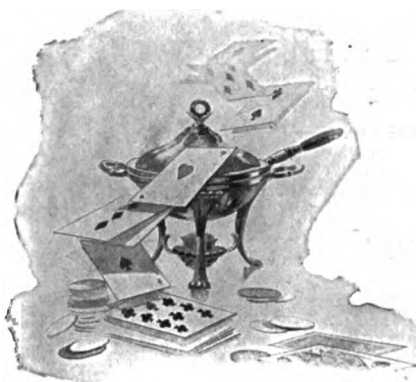


WHAT YOU CAN DO WITH



# A Sterno-Inferno Burner

Some play for gold, for fame, for glory,  
And some for Number One;  
But hunger tells the same old story  
When the card game is done.



'Tis then that frogs' legs or small fishes,  
Oysters and mushrooms blend  
In one of Sternau's Chafing Dishes—  
The card player's best friend.

Have you seen our new Fall line  
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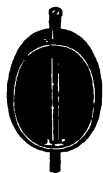
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## THE JEWELRY REPAIRER'S HANDBOOK.

JUST ISSUED. PRICE 75 CENTS.

Jewelers' Circular Publishing Co., 11 John Street, New York.

### Recent Publications.

THE third edition of *Downing's U. S. Customs Tariff*, which has just made its appearance, is the most complete and perfect edition that has yet been issued by the publishers, R. F. Downing & Co., 11 and 13 William St., New York.

It is a book of 644 pages, of handy size, neatly bound in cloth, and contains an alphabetical schedule of the Customs Tariff Act of 1897, together with the Act itself and the Customs Administrative Act of 1890, as amended by act of July 24, 1897. With these is the text of the French, Portuguese, Italian and German Reciprocity Treaties.

After the first edition of this work had been disposed of, the publishers issued a second edition revised up to July 1, 1902, and so great was the demand for it that the present and third edition was published, which has been revised carefully according to the latest tariff decisions up to July 1, 1902. In compiling this work, and in the revision thereof, the services of the best tariff experts were engaged and the greatest care exercised in regard to every detail.

In addition to the regular tariff matters enumerated, the volume also contains a number of departments valuable to the importer and exporter, among which will be found a table of ports from which merchandise may be immediately transported in bond; rules for ascertaining duties; information about the payment of duties; drawback of customs duties; advice to American and foreign tourists; shipping instructions; tables of metric weights and measures; tables for converting United States money values into English pounds, German marks, French francs, etc., together with other features which make the book valuable as a work of reference.

### A Monster Topaz.

AN interesting story of a valuable topaz now in the possession of Signor Nicol Carelli, comes from Naples (says the Rome correspondent of the *Leader*.) The topaz, which Signor Carelli brought back from Brazil some years ago, is so large that it is said to weigh over two pounds.

A Neapolitan artist, seeing the stone, begged to be allowed to engrave the figure of Christ on it in cameo. The work is now finished, and Signor Carelli has been looking for a purchaser. The value of the jewel is, however, so great that even the Pope himself, to whom it was offered, could not afford to buy it.

Finally (says the *Itale*) a committee has been formed at Naples with the purpose of buying the jewel from its present owner by public subscription, and offering it to Leo XIII. as a jubilee present. It is to be hoped, therefore, that this wonderful treasure will be seen by visitors to the Vatican museum. Signor Carelli declares there is no other such stone in the world.



IMPORTERS  
AND  
JOBBER OF

## DIAMONDS WATCHES JEWELRY

9-11-13 MAIDEN LANE  
NEW YORK.

100 STATE STREET,  
ALBANY, N. Y.



The goods you purchase will either impress your trade and sell quickly, or your customers will pass them by. **OUR GOODS SELL AT SIGHT.** They are a little better, or cheaper or more practical than others, and we want you to know it.

**Holiday Goods.** You will find in our stock a most attractive assortment of The best line of Sterling Silver Toilet, Manicure, Writing and Shaving Sets. Consult our catalogue for the most complete line of gold jewelry and rings to be found anywhere.

STERLING SILVER TOILET SETS. EVANGELINE & POPPY DESIGNS. HEAVY MIRRORS, BRUSHES ETC. IN GREEN MOREEN SATIN LINED CASES. ILLUSTRATIONS  $\frac{1}{2}$  SIZE.



T.110/6. SIX PIECE TOILET SET \$31.00 SET

T.110/6. FRENCH GREY STERLING SILVER TOILET SET. HAIR BRUSH, MIRROR, COMB, CLOTH BRUSH, VELVET BRUSH & HAT BRUSH IN GREEN MOREEN SATIN LINED CASE \$31.00 SET. IN WHITE LEATHERETTE CASE \$30.00 SET



T.76/6. SIX PIECE TOILET SET \$36.00 SET

T.76/6. FRENCH GREY, STERLING SILVER TOILET SET, EXTRAHEAVY HAIR BRUSH, COMB & MIRROR, CLOTH BRUSH, HAT BRUSH & BONNET BRUSH, GREEN MOREEN SATIN LINED CASE \$36.00 SET. LEATHERETTE CASE \$35.00 SET.

Prices subject to trade discount. A sample page from our New Catalogue. Write for it if you have not received a copy.

**M. J. AVERBECK, Manufacturer, Nineteen Maiden Lane, New York.**

You are cordially invited to call at our sample rooms. If you cannot visit New York, drop us a card and one of our salesmen will visit you. **M. J. AVERBECK, Nineteen Maiden Lane, N. Y.**



# Umbrella Handles

A complete line of 500 exquisite designs in floral and art nouveau patterns.

Heavy sterling silver, hand chased and exquisitely finished. All the popular and many new and novel shapes.



We also manufacture a complete line of cane and umbrella handles in solid gold and heavy gold filled.

Our lines of Sterling Mounted Glassware and Loving Cups will interest you.

**J.F. Fradley & Co.**   
114 EAST 14TH STREET, NEW YORK. TRADE MARK.

## Diamond Mounting.

We are prepared to execute special order work in Diamond Mounting of the highest grade.

PLATINUM FRONT WORK.

**L. T. GRANT & CO.,**

Represented by  
PHIL. O. STUTZMAN.

17 Maiden Lane, New York.

### Spoon Factory Closed, Pending Settlement of Buffers' and Stampers' Grievances.

WATERBURY, Conn., Sept. 17.—Notices have been posted that the Rogers & Bro.'s spoon factory will remain closed until the strike brought about by the buffers has been amicably settled. About 350 men are now out of work.

Last week when the workmen presented their grievances before Manager Rockwell everything pointed to an early and easy solution of the difficulty, but the obstinacy of the buffers and stampers prevented any definite agreement. The strikers claim that they are getting between \$1 and \$1.75 per day at present and their request is that the company pay them at a rate which will enable them to earn at least \$2 per day. Mr. Rockwell in an interview is reported to have said:

"About 350 men are affected. Of these we had reached a satisfactory agreement with all but about 40 men—I mean an arrangement which was satisfactory to both the company and the men. These 40 men asked for a larger scale of wages and demanded that we give an answer immediately. We asked for a little time in which to consider the matter. I expected another conference with them when I learned that they had gone out. We shall be ready to report on the matter in a few days. In the meantime I don't know what will be done."

### Trustee for Samuel Carro Selected at a Meeting of the Creditors.

BOSTON, Mass., Sept. 19.—The first meeting of the creditors of Samuel Carro was held in the United States Bankruptcy Court, Federal building, Wednesday. After a more or less excited argument between A. K. Cohen, representing many of the New York creditors, and W. M. Stockbridge, counsel for Mr. Carro, the Court approved the appointment of Mr. Cohen as trustee, and the first meeting for the examination of the creditor has been scheduled for Sept. 30.

According to the statement of Mr. Carro, his liabilities are \$38,137.77, with assets of \$24,487.19. It is stated, however, that the only visible assets at present brought to light will not exceed \$1,500. At the meeting to be held on Sept. 30 an attempt will be made to have Mr. Carro explain a number of things which do not at present appear clear to some of the creditors.

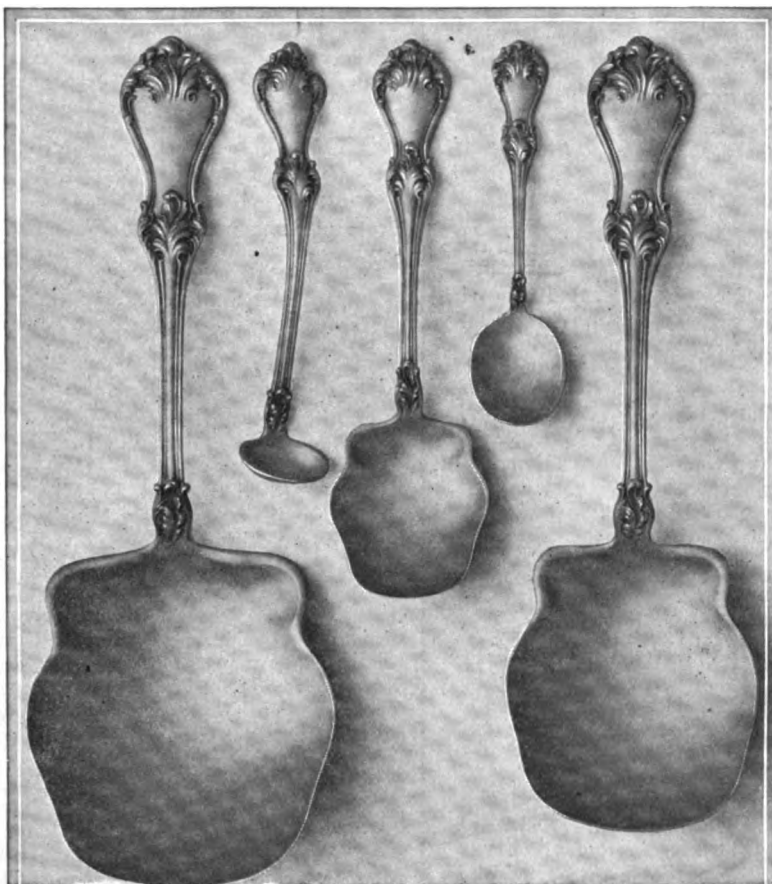
Mr. Carro, acting apparently under the direction of his counsel, declined to talk of the case to-day, when approached by a representative of THE CIRCULAR-WEEKLY. The next regular creditors' meeting will be held at the Federal building Oct. 15.

### Jeweler Shoots at Footpads Who Attempt to Hold Him Up.

SHAMOKIN, Pa., Sept. 18.—E. D. Yoder, a jewelry repairer and watchmaker of this city, reports that he came near being the victim of footpads while walking from Mahantonga to this city.

He says he was attacked by two masked robbers, but drawing a revolver he shot one of the footpads. He reports that both the wounded man and his companion escaped.





The "Corinthian"—Patented.

# Roger Williams Silver Co.

*Sterling Silver Only.*

Hollow Ware,  
Toilet Ware,  
Flat Ware,  
Loving Cups,  
Candlesticks,  
Vases, &c.

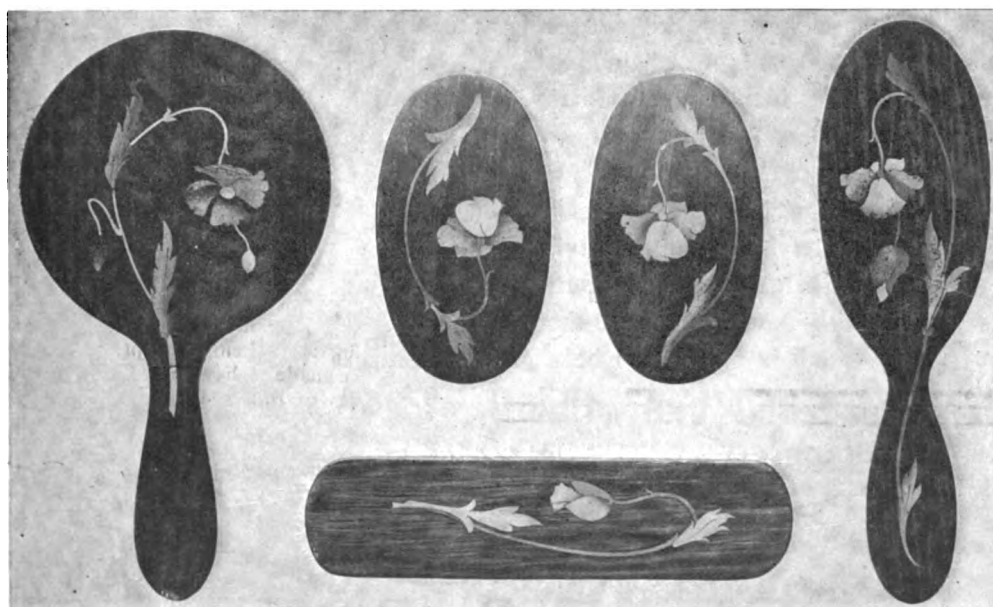
In New and Attractive Designs.

*Examine the lines carried by our Representatives and New York Salesroom.*

Salesroom,  
860 Broadway,  
New York.



New Factory,  
101 Sabin St.  
Providence,  
R. I.



**"Entirely  
New."**

INLAID REAL  
EBONY.

INLAID REAL  
ROSEWOOD.

We have spent fully two  
years in obtaining some-  
thing new and exclusive,  
and which, at the same  
time, could not be put on  
the market in CHEAP  
IMITATION.

These goods can only be appreciated by exclusive trade. It will be to your interest to place orders at once, as we can only produce a limited quantity.

*J. J. Cohn*

49 MAIDEN LANE, NEW YORK.

Manufacturer of Leather Goods and Importer of Real  
Ebony and Rosewood Toilet Articles.



### News Gleanings.

A. S. Ferris, So. Norwalk, Conn., is ill at his home in Clay St.

Wood Bros., Nashua, Ia., has given a chattel mortgage for \$450.

Max Dawedoff, watchmaker, Denver, Col., has been sued for \$40.

Chas. F. Blades, agent, has sold out his jewelry business in Junction City, Kan.

Mrs. O. M. Kite, Wymore, Neb., recently lost by fire about \$350 worth of stock.

Carlson & Co., jewelers of Lake Charles, La., have opened a branch store in Welsh.

Dr. Lukenbill, Milo, Ia., is advertising for sale his jewelry store and photograph gallery.

Otto Potthorst & Co., Davenport, Ia., have had judgment entered against them for \$773.

E. L. Daron, Steelton Slips, Pa., is improving the interior of his jewelry establishment.

H. E. Child, Clyde, N. Y., has added a handsome new deep show case to his store equipment.

S. Michael has removed his entire stock of jewelry from Albuquerque, N. M., to El Paso, Tex.

At the recent race meeting at Geneva, N. Y., jeweler L. F. Barth acted as one of the official timers.

Frank J. Hartley, an installment jewelry dealer, of Kansas City, Mo., has sold realty valued at \$4,000.

Arthur West, Canandaigua, N. Y., is convalescing from a protracted attack of nervous prostration.

Mrs. W. A. Glass, in the jewelry business at Little Rock, Ark., has given a chattel mortgage for \$96.

F. A. Lite, Lowell, Ia., has gone on the road for a Milwaukee jewelry house as traveling salesman.

B. M. Wiard, a jeweler, of Concordia, Kan., has given a warranty deed for a consideration of \$2,400.

Albert E. Henry, Rockford, Ill., has just purchased a handsome gasoline launch from the Racine Boat Co.

L. E. Smith, of the T. K. Smith jewelry house, Oskaloosa, Ia., has given a realty mortgage for \$2,500.

J. E. Waldorf, formerly in business in Albion, Idaho, contemplates moving his stock to Oakley, Idaho.

Clark Bros. expect to have their new jewelry business in Little Falls, Minn., open for business about Oct. 1.

Louis Lippman, of Rothstein & Lippman Bros., Altoona, Pa., has returned from a buying trip to New York.

T. K. Smith, Oskaloosa, Ia., has purchased the jewelry and bicycle business of G. M. Heiserman, Albia, Ia.

The personal property of Alfred J. Provencher, a former jeweler, of Webster, Mass., has been sold at auction.

J. B. Laramore, jewelry repairer, Washington, Ga., contemplates installing a stock of jewelry in his present quarters.

Alfred Caron, Brunswick, Me., recently sustained a small loss by a fire, which destroyed several stores in that place.

The Oneida Silver Mfg. Co., Oneida, N. Y., last week filed a certificate of voluntary

dissolution with the Secretary of State.

Fred P. Hopkins, Penn Yan, N. Y., has retired from the jewelry business and opened an office as general press correspondent.

E. E. Taylor, of the firm of Taylor Bros., Houston, Tex., has returned from Chicago, Ill., whither he had gone on a buying trip.

E. W. Bateman has removed his stock of jewelry from Whitney, Tex., and will locate at some point in the Indian Territory.

John W. Miesen, a jeweler of Benson, Minn., contemplates disposing of what goods he can and removing to Sisseton, S. D.

A burglary was recently committed at the store of R. H. Morrill, Buckfield, Me., and several watches and a large amount of jewelry were stolen.

Geo. Kurtz, of Kurtz Bros., Dawson, Pa., was, last week, wedded to Miss Maud Cochran at the home of the bride's mother, Mrs. C. G. Cochran.

Walter A. Buck, Jackson, Miss., is a visitor in New York, where he will purchase an assorted stock of jewelry and Christmas novelties.

F. H. Gale, manager of the Gale Jewelry Store, Brambleton, W. Va., has departed for New York, Connecticut and other northern States to replenish stock for the Fall.

William E. Spear, Pittsfield, Me., was married recently to Miss May Walker, of the same city. After the wedding the couple set out for a week's sojourn in Bangor, Me. Upon their return they will occupy the handsome residence on the corner



**T**HE remarkable increase in our business during the last three years positively testifies to the genuineness and merit of our chains.

We manufacture Gents' Vest Chains, Lorgnette Chains, the celebrated Bigney Vest Fob for ladies and gentlemen, Vest Fobs, Silk and Leather Fobs, including a large line of English Seals; Locketts in a large variety of beautiful styles, Bracelets, Negligee Chains and the DuBarry for ladies, with patent fastener, the very latest, which is proving to be a great seller.



No. 835.

## THE DuBARRY.

We are obliged to caution the retail trade in regard to the many makes of chains which are placed upon our papers. Please examine the swivel and see that S. O. B. & Co. is stamped thereon. By so doing you will protect your own business, as well as ours.

**S. O. BIGNEY & CO.,**

N. Y. Office, 3 Maiden Lane.

ATTLEBORO, MASS.

We are receiving inquiries daily for our Felt Show Case Mat, of which we sent out 15,000. We understand that our would-be competitors are attempting to follow us in this respect.

AS USUAL, WE LEAD.



of Main and Nichols Sts., in Pittsfield.

The large display window in the store of Jeweler Ormiston, Gouverneur, N. Y., was last week shattered by a stone thrown by a boy in the street. The damage done amounts to \$100.

About \$5,000 worth of diamonds, rubies and promiscuous jewelry have been located by the St. Paul police at the home of John Wilson, of this city, recently arrested for highway robbery.

Geo. W. Meyer, of the Geo. W. Meyer Jewelry Co., Chattanooga, Tenn., has been appointed watch inspector for the Memphis, Knoxville & Georgia divisions of the Southern Railway.

The outside show case in front of the pawnbroking and jewelry establishment of K. Landau, 81 E. Main St., Rochester, N. Y., was broken into last week and jewelry valued at \$250 stolen.

Thomas Moore, for a number of years with Frank P. Blair & Co., Bellefonte, Pa., has left for Philadelphia, Pa., where he has accepted a position as watchmaker in the John Wanamaker store.

"Henry S. Kimball" is wanted by the police of Lawrence, Mass., on a charge of defrauding jeweler Samuel W. Fellows, of that town, by securing jewelry on the strength of a worthless check.

The police of Grand Rapids, Mich., are looking for a stylishly dressed young woman, who recently secured a watch from Wm. D. Werner, of that city, and tendered in payment a worthless check.

The jewelry business conducted by E. B. Steele, Newark, N. Y., has been purchased by R. R. Spencer, of Elmira, and F. H. Oles, of Bradford, Pa., who will continue the business under the firm name of Spencer & Oles.

Chas. H. Seiler, Galena, Kan., last week was fined \$10 and costs for contempt of court. He brought a suit for divorce in Abilene, Kan., and it is alleged afterwards wrote an impertinent letter about the case to Judge Moore.

While sinking a five-inch well on the property of Charles C. Paule, a jeweler, of Burlington, Ia., a strike was made of what is believed to be gold. It is known that gold has been found in that vicinity, but never in paying quantities.

L. A. Taber, a veteran jeweler of Holyoke, Mass., last week celebrated his 85th birthday by giving a reception and dinner to his children, grand-children and other relatives residing in the vicinity. Mr. Taber has resided in Holyoke since 1848.

Chas. M. Hancher, Wheeling, W. Va., has purchased the famous horse Sunshine from the Whitney stables, New York. The animal is a golden sorrel and one of the finest horses ever brought to Wheeling. The horse has a record of 2.26 1/4.

H. Harband's jewelry store, located at 248 E. 1st St., Los Angeles, Cal., was recently broken into by a thief, who escaped with six watches and a quantity of cheap jewelry. Entrance was effected by smashing the front show window.

Mrs. S. D. Wood, proprietor of Dickinson's jewelry store, Niagara Falls, N. Y., recently sold out the entire stock at auction. Thomas & Wittigslager are continuing in the jewelry business at Mrs. Wood's old stand with an entirely new stock.

# The Giant of Collar Buttons

IN QUALITY  
IN SALES



One Million Five Hundred  
Thousand Kremetz  
One-Piece Collar Buttons  
made and sold within  
the last year. . . . .

## WHY?

Because of their HIGHEST QUALITY, BEST CONSTRUCTION, GIVING THE MOST WEAR, AND GREATEST COMFORT and their IRON-CLAD GUARANTEE.

To verify this we invite the trade to read "The Story of a Collar Button, with Illustrations," which may be had FREE for the asking, and to try the experiment suggested on page 5 of that booklet.

Extract from "Printers' Ink,"  
Nov. 23, 1898.

The Little Schoolmaster now suggests, to every pupil in his class, to send a two-cent stamp to Kremetz & Co., 40 Chestnut Street, Newark, N. J., and ask to be favored with a copy of their leaflet, "The Story of a Collar Button." Afterward, if any pupil will send to *Printers' Ink* another leaflet, new or old, that is half as good as this one, or that approaches it in excellence, the deserving student will be rewarded with one of *Printers' Ink's* souvenir spoons as an acknowledgment of his discovery and contribution. "The Story of a Collar Button" is the best piece of advertisement construction that has come to *Printers' Ink's* attention in the year of our Lord 1898.

Should you wish to utilize this booklet to increase your collar button business, we will, on receipt of your order, print your card upon and send you a quantity of them.

Kremetz One-Piece Collar Buttons are stamped as follows, ON BACKS:



Patent sustained by United States Supreme Court.

## Quality and Construction have made our reputation.

All Kremetz Collar Buttons are Manufactured by

# KREMENTZ & CO.,

in their Factory,

49 Chestnut Street,

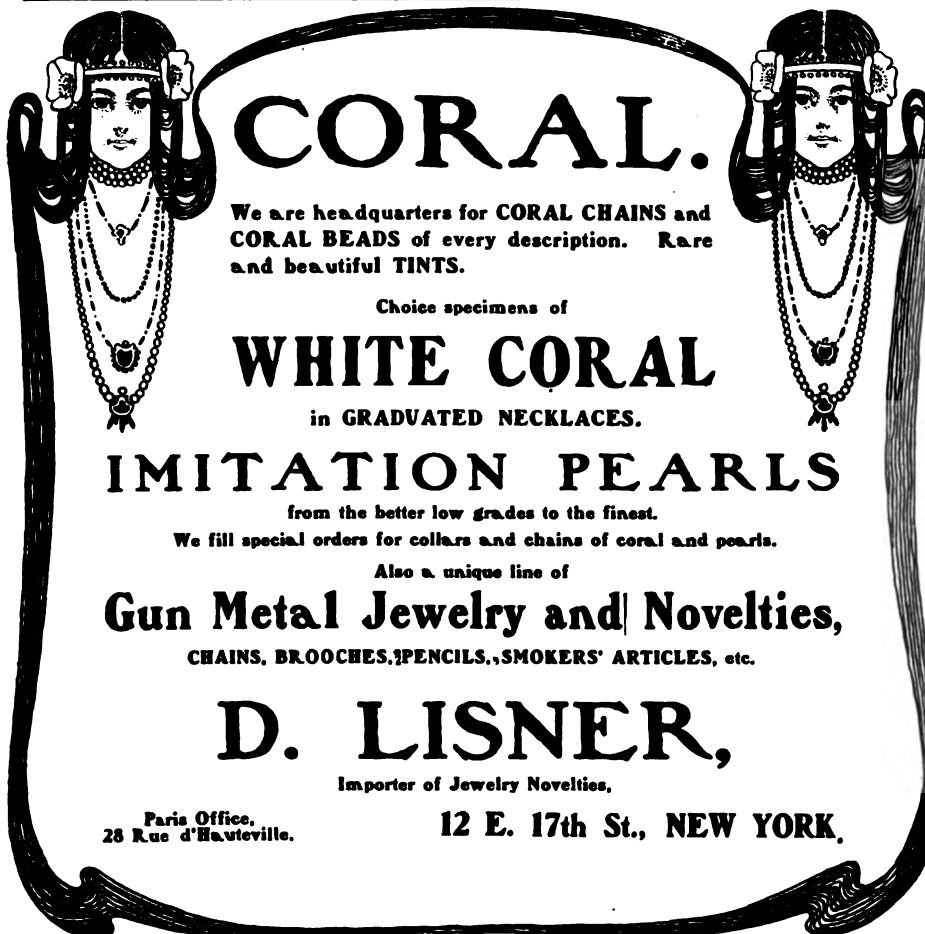
PARKS BROS. & ROGERS,

20 Maiden Lane, New York.

Selling Agents to Jobbing Trade.

NEWARK, N. J.





# CORAL.

We are headquarters for **CORAL CHAINS** and **CORAL BEADS** of every description. Rare and beautiful **TINTS**.

Choice specimens of

## WHITE CORAL

in **GRADUATED NECKLACES**.

## IMITATION PEARLS

from the better low grades to the finest.

We fill special orders for collars and chains of coral and pearls.

Also a unique line of

## Gun Metal Jewelry and Novelties,

**CHAINS, BROOCHES, PENCILS, SMOKERS' ARTICLES, etc.**

# D. LISNER,

Importer of Jewelry Novelties,

Paris Office,  
28 Rue d'Hauteville.

**12 E. 17th St., NEW YORK.**

### Philadelphia.

Jules Graeff, with B. F. Williams & Co., spent the week in Reading, Pa.

Rudolph Krishker, 145 N. 8th St., has returned from a pleasure trip to Holly Beach.

Walter Herzberg, diamond broker, was married last week to Miss Louise Silberstein.

F. Dorn, watchmaker, with O. Kind & Son, has returned from an extended trip to Canada.

E. J. Hertz, 13th and Chestnut Sts., purchased Thursday a lot 60 x 160 ft., at Ogontz, for \$2,400.

George Michaelson, watchmaker, has left John Demmert, 1602 Market St., to go with H. O. Hurlburt & Sons.

Wm. C. Holmborn, watchmaker, has returned to this city after a three months' sojourn in Copenhagen, Denmark.

J. Neill, a manufacturing jeweler, 727 Sansom St., last week attended the convention of Republican clubs at Erie.

Wm. Fulton, a popular young jewelry salesman, has accepted a place under James Bathgate, manager of Strawbridge's jewelry store.

Hugh B. Houston, of J. E. Caldwell & Co., announces the engagement of his daughter, Mary Virchaux, to Rayburn Clark Smith.

Mrs. Henrietta Hirsh, widow of Leopold Hirsh, founder of a large umbrella manufacturing business, died of heart disease Thursday, at her home, 2017 Spring Garden St., aged 76 years.

The Commercial Museum is making arrangements for the entertainment of several hundred representatives of the leading boards of trade and commercial organizations in the country who will attend the conference of the Advisory Board of the Museum, Oct. 7 and 8, to discuss plans for increasing the export trade of the country.

A judgment for \$508.25 was entered last week in the Common Pleas Court by Wm. R. Warner, Jr., against the Montana Diamond Co., being the amount of rent of the premises, 1228 Market St., until recently occupied by the company. Notice of the issuance of a foreign attachment was served on I. M. Jacobs, president of the company at 141 Broadway, New York. Judgment was entered for want of an affidavit of defence.

Robert King, a retail jeweler at 2416 Girard Ave., caused the arrest Thursday night of two colored men on suspicion of having stolen a gold watch valued at \$75 from his store while the proprietor's attention was engaged elsewhere. The two men had visited a number of jewelry stores that evening, pretending to buy and while one engaged the attention of the proprietor the other would take whatever was nearest at hand. The police are holding the prisoners for a more thorough investigation.

A judgment for want of an affidavit of

### MANY JEWELERS

are now handling a line of

**SEWING MACHINE NEEDLES,**

and those who buy them from

**THE SHRIMPSON MFG. CO., 273 Church St., NEW YORK**

ARE ALWAYS SATISFIED.

## Latest and Novelest Productions



WE ARE WITHOUT  
COMPETITION IN  
OUR LINE. . . . .

Designers and Manufacturers  
of the Latest Produc-  
tions in

## Umbrellas

of Beauty and Durability.

Made especially for the jewelry trade.

We have just completed our New Illus-  
trated Catalogue and Price List.  
A REQUEST WILL BRING IT.  
"GET IT!"

**THE NATIONAL  
UMBRELLA CO.,**

CLEVELAND, OHIO, - - U. S. A.  
Factory and Salesrooms, - CLEVELAND, O.

Western Salesrooms,  
119 DEARBORN ST., CHICAGO, ILL.



defence was entered last week against John T. Sandman, a bankrupt jeweler at 703 S. 2d St., by the Nassau Bank of New York, the amount of this judgment being \$44.15. A meeting of Sandman's creditors is to be held next week at the office of Alfred Driver, referee, 505 Chestnut St., when a trustee will be appointed to take charge of the business. The creditors in the interim may ask the court for the appointment of a receiver.

The Van Alen Diamond Co., which deals in imitation precious stones, opened a place at 12 N. 8th St. last week.

H. C. Collins, a watchmaker of Dayton, O., was in this city during the week and registered at the Commercial Museum.

The jewelry store of Charles P. Meyer, 929 Passayunk Ave., was one of the five stores all in a row which were visited by

thieves early Saturday morning. They were most successful at Meyer's store, where they stole 15 gold brooches, 28 pairs of earrings, a gold watch and chain, a diamond marquise ring, a solitaire and an opal ring and a neck chain, altogether valued at about \$300.

A movement is on foot among local watchmakers to organize under the name of the Horological Club for social purposes.

James Keegan, a jewelry salesman well known to the city trade, who has been for the last three years with H. O. Hurlburt & Sons, died Sept. 15 at his home, 1835 Carpenter St., aged 38 years. Mr. Keegan was well known in the southern section of the city and was a member of the De Sales Association. He had been for many years with George Eakins, jeweler, and when Mr. Eak-

ins retired from business Mr. Keegan accepted a place with H. O. Hurlburt & Sons.

James J. McLaughlin and Leon Rains, two of the best known and most popular men in the employ of H. Muhr Sons, have resigned their positions to enter business on their own account at the northwest corner of 13th and Sansom Sts., on Oct. 15. They will take part of the store of M. F. Hamilton & Co., manufacturing and retail silversmiths, but will handle diamonds, watches and jewelry exclusively. M. F. Hamilton & Co. are having the store considerably enlarged in order to accommodate the stock which will be carried by the new firm.


Wm. Jackson, who had been employed with the Cross Optical and Jewelry Co., Chester, Pa., has resigned his position.



No. 7282.  
7282 Ivy vine, per doz. ....\$1.00  
7282A Ivy vine, 12 leaves, per doz. .... .75



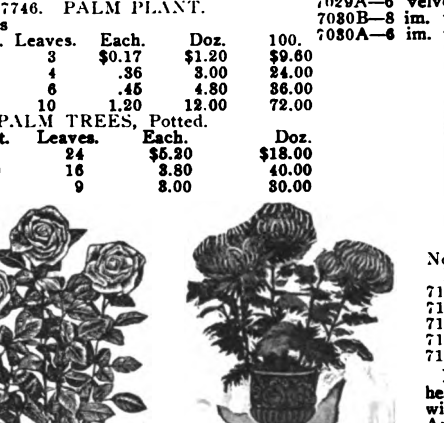
No. 7275B.  
7275B Fall grape vine, without grapes, per doz. ....\$1.50  
7275F Fall grape vine, without grapes, per doz. .... .75



No. 7284.  
7284F Smilax, fall colors, per doz. yards....\$1.00  
7284 Smilax, green, doz. yds., .75c.; gross, 7.20




No. 7141A. Rose Bush; trimmed with Lilacs and American Beauties. Each, \$2.50.




7746. PALM PLANT.  
Inches high. Leaves. Each. Doz. 100.  
7743 24 3 \$0.17 \$1.20 \$9.80  
7745 36 4 .36 3.00 24.00  
7746 42 6 .45 4.80 36.00  
7211A 48 10 1.20 12.00 72.00

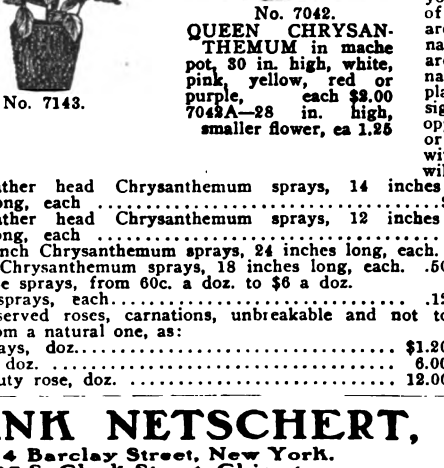
PALM TREES, Potted.  
No. Feet. Leaves. Each. Doz.  
7209 12 24 \$5.30 \$18.00  
7208 10 16 3.80 40.00  
7206 7 9 8.00 80.00




No. 7027A—BEGONIA PLANT.  
7027A—6 leaves .....each, \$.90  
7028A—6 muslin leaves.... " .50  
7029A—6 velvet leaves.... " 1.00  
7030B—8 im. velvet lvs.... " 1.00  
7030A—6 im. velvet lvs.... " .50



No. 7042.  
QUEEN CHRYSAN-  
THEMUM in mache  
pot, 30 in. high, white,  
pink, yellow, red or  
purple, each \$3.00  
7049A—28 in. high,  
smaller flower, ea 1.25



No. 7143.  
7539D Feather head Chrysanthemum sprays, 14 inches long, each .....\$ .50  
7539 Feather head Chrysanthemum sprays, 12 inches long, each ..... .25  
7539A French Chrysanthemum sprays, 24 inches long, each. 1.00  
7730B Queen Chrysanthemum sprays, 18 inches long, each. .50  
Rose sprays, from 60c. a doz. to \$8 a doz.  
7538 Lilac sprays, each..... .12  
Natural preserved roses, carnations, unbreakable and not to be detected from a natural one, as:  
Carnation sprays, doz..... \$1.20  
Empress rose, doz. .... 6.00  
American Beauty rose, doz. .... 12.00



No. 7150—FERN FILL-  
INGS (6 in. diameter.)  
7150—4 in. diam., ea. \$.50  
7150—5 in. diam., ea. 1.00  
7150—6 in. diam., ea. 1.25  
7150—7 in. diam., ea. 1.50  
7150—8 in. diam., ea. 1.75

How does a fern dish of heavy silver look in your window without trimming? And what a big display can you make in getting in one of our fern fillings, which are far superior to the natural plants, as my goods are the best copy true to nature and will sell the plant and your dish on sight. Do not miss the opportunity to get a seven or eight inch filling dish with your order. Try them before the holidays so you will be ready for a duplicate order for the holidays.

No. 7143—ROSE BUSH  
AND AMERICAN  
BEAUTY ROSES.  
Colors, White, Red, Tea,  
Cream Yellow.  
7143 —24 in. high, ea.\$1.25  
7143A—30 in. high, ea. 1.75  
7143B—36 in. high, ea. 3.00

Decorate your store with our everlasting flowers; no watering, no leaves to fall off.

**FRANK NETSCHERT,**  
34 Barclay Street, New York.  
187 S. Clark Street, Chicago.



There  
may  
be many  
good Studs  
on the mar-  
ket, there  
certainly are  
many bad ones,  
but there is only  
one BEST, only  
one at the top of the  
heap, and that is

## THE APEX

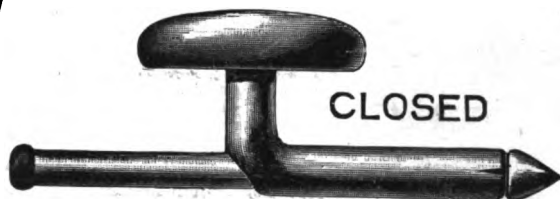
SIMPLE IN CONSTRUCTION,  
AUTOMATIC IN ACTION,  
ABSOLUTELY GUARANTEED,  
ADAPTED FOR USE IN  
EITHER BUTTON OR EYELET  
HOLE.

*The Most Perfect  
Shirt Stud.*

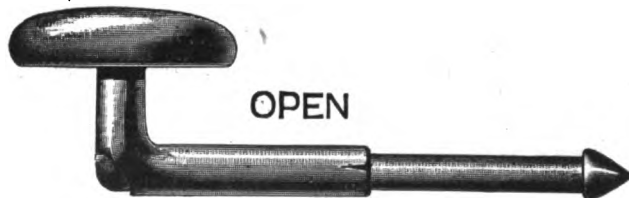
IT WORKS  
WITHOUT A SPRING.

IT SELLS  
WITHOUT EFFORT.

IT IS  
WITHOUT A RIVAL.



PATENTED MAY 21, 1901



PATENTED MAY 21 1901

FOR SALE BY ALL JOBBERS.

SOLE MANUFACTURERS IN 10K AND 14K. GOLD.

# CHAS. KELLER & CO.

192 Broadway, New York.

## Optical Notes and Briefs.

(Additional Optical News on page 84.)

Dr. McKay Jordan has opened a new optical institute at Vancouver, B. C.

Dr. Gertrude Stanton, an optician of Marshall, Minn., will visit Vesta, Mont., monthly hereafter.

W. Wolf, of the Philadelphia Optical Co., San Francisco, Cal., is spending his vacation in Santa Monica, Cal.

William Johnson, with the Standard Optical Co., San Francisco, Cal., is now working on a model ophthalmometer. It is said to be an excellent model.

N. A. Chapman, formerly with H. E. Wichman, of Honolulu, has taken charge of the optical department in Amos N. Wright's jewelry store, Portland, Ore.

Dr. M. Dinkelspiel, optician, Glasgow, Ky., has moved with his family to Owensboro, Ky., where he will conduct a business over the Owensboro Savings Bank.

The Bausch & Lomb Optical Co., Rochester, N. Y., announces a photographic contest in which \$3,000 in gold will be given as prizes for pictures made with the firm's lenses. The contest closes Jan. 1, 1903.

Dr. H. R. Goodell, optician, Spartanburg, S. C., has sold his stock to Dr. R. M. Dorsey, who will continue the business at the old location. Dr. Goodell contemplates establishing a business at Memphis, Tenn.

Dr. Avery, lately with the Standard Optical Co., San Francisco, Cal., left recently for Manila, P. I., where he intends to establish a large manufacturing plant in connection with an optical and jewelry store.

Carl Johnson, with Ryrie Bros., Toronto, Can., leaves shortly for Winnipeg, having secured a position as optician with D. W. Dingwall, Ltd., of that city. Harry Trimble, formerly with Henry Birks & Son, Montreal, takes his place.

C. G. Stephens, optician, Osborne, Kan., has given a chattel mortgage for \$260.

Dr. Lewis A. Hines, Washington, D. C., has opened an establishment at 148 Whitaker St., under the style of the Hines Optical Co.

J. W. Grainger, of Rochester, Minn., president of the Southern Minnesota Optical Association, recently visited F. L. Wilson, of Kasson, Minn., the president of the Minnesota State Optical Association for a conference in the interest of the work.

At a meeting of the Utica Optical Club of Utica, N. Y., held Sept. 16, the committee on constitution reported a revision of the old constitution and ordered a new one printed. A. M. Kenney, delegate to the American Association of Opticians, held in Boston, made his report to the club. The next meeting of the club will be held on Nov. 18 in the Y. M. C. A. building.

The Juergens & Andersen Co., Chicago, Ill., recently issued a catalogue that is exceptional for its artistic merit. The cover is of Alexandria, dark gray, and embossed with the word "diamonds" and the firm name in gold surrounding a diamond and baroque pearl pendant. Every page is illustrated with half-tone cuts of groups of beautiful diamond jewelry. It is certainly a catalogue that will interest the trade, and as it can be had on application, every jeweler should write for one.



**Syracuse, N. Y.**

George E. Wilkins spent part of last week in New York.

Mr. Decker, of Decker & Bunzey, of Owego, was among the out-of-town buyers in Syracuse, last Saturday.

E. M. Bradley, formerly of Burlington, Vt., will open a jewelry and optical store in Weedsport, N. Y., on October 1.

Abram Graff died, Sept. 13, at his home, 512 E. Genesee St., after an illness of nearly a year. He was 81 years old and was born in Freidendall, Germany. He came to America 60 years ago, coming to this city immediately. He was in the jewelry business many years and retired 25 years ago.

Among the 14 stockholders of the New York State Banking Co., which closed its doors, Thursday, are Nathan M. and Simon M. Shimberg, now of Montpelier, France, and who formerly constituted the Syracuse Optical Co., which was located for several years at 210 S. Warren St. The Shimberg Bros. held 110 shares of stock valued at \$13,220 and purchased by them at the sale in April, 1900, in connection with the closing up of the Nathan F. Graves estate, for \$12,500.

**Utica, N. Y.**

Evans & Sons, of 32 Columbia St., have installed a large new safe in their store.

Edward J. Tschabold, formerly with Richard Perlen, Bleecker St., is now with Evans & Sons.

Thos. J. Evans, of Evans & Sons, who is an old veteran, will attend the National Encampment at Washington, D. C., next month.

Geo. Halsey, of Oriskany, well known in this city, has gone to Detroit, Mich., where he has accepted a position with a large jewelry house.

The Transvaal Diamond Co. has fitted up the store at 190 Genesee St., and opened Monday of last week with an attractive electrical display.

**Pittsburgh.**

W. W. Wattles, of W. W. Wattles & Sons, left on Tuesday for Colorado Springs. Mrs. Wattles accompanied him.

S. A. Walton, Moundville, W. Va., was in the city, last week, taking in the sights and incidentally calling upon the trade.

Heeren Bros. & Co.'s building at 8th St. and Penn Ave., is being renovated inside and the Penn Ave. frontage is being painted.

W. W. Wattles & Sons have opened a new department on the third floor of their building, where a fine line of curios, antique furniture, etc., are now carried. An elevator has just been installed in the building, thus making the upper floors more accessible to customers.

# L'ART NOUVEAU JEWELRY

NOVEL—ATTRACTIVE—ARTISTIC.  
AT POPULAR PRICES.

## STERN BROS. & CO.

FACTORY,

33-43 GOLD STREET,  
NEW YORK.

CHICAGO OFFICE, 149 STATE STREET.

MAKERS OF

GOLD RINGS, LOCKETS, BROOCHES, LINK  
BUTTONS, SCARF PINS AND THIMBLES.

SOLD TO THE JOBBING TRADE ONLY.

## ALOIS KOHN & CO.,

Established 1850.

16-18 MAIDEN LANE, NEW YORK.

Manufacturers, Exclusively, of

### SOLID GOLD CHAINS.

We will send samples on consignment on receipt of satisfactory reference.  
Correspondence Solicited.

## THE JEWELRY REPAIRER'S HANDBOOK

JUST ISSUED. PRICE, 75 CENTS.

Jewelers' Circular Publishing Co.

11 John Street, New York

## ROSENZWEIG BROS.,

52 MAIDEN LANE,  
NEW YORK CITY.

### HEADQUARTERS FOR

0<sup>th</sup> Suffolk Movement in 20-year Filled Hunting Case,  
at \$15.30, Keystone list.

0<sup>th</sup> Suffolk Movement in 10-year Filled Hunting Case,  
at \$12.00, Keystone list.

This is the cheapest American made 7-J. lever set, out balance watch  
in the market. Send to us for Jewel Series Waltham Watches.





VOL. XLV.

CHICAGO, WEDNESDAY, SEPT. 24, 1902.

No. 8.

### Chicago Notes.

Mr. Stockder, with the J. D. Bergen Co., was in town last week.

W. T. Hixon, El Paso, Tex., was here last week looking up his old friends.

R. W. Barlow, with C. H. Knights & Co., returned, last week, from the west.

Mrs. Selkirk, wife of A. T. Selkirk, Charlotte, Mich., was in Chicago last week.

J. M. Lewis, of D. R. Lewis & Bros., Manchester, Ia., visited this market last week.

T. J. Ellis, of T. J. Ellis & Co., Jonesboro, Ark., visited his old friends here last week.

Thomas Ware, of Gurney & Ware, Kansas City, Mo., was in this city placing orders last week.

Mr. Williams, of Williams & Mann, Clarkesville, Tenn., was in this city placing orders last week.

J. Newhouse, formerly with the S. & B. Lederer Co., is at present representing the Ludwig Mfg. Co.

Adolph Weiss, western representative for J. J. Cohen, left, Saturday, for a visit to the New York office.

Charlie Crane, with Lapp & Flershem, returned, Monday, from a vacation spent visiting eastern cities.

Will Manheimer, of Louis Manheimer & Brother, left, last week, for a two weeks' trip through the west.

Max Meyer, of the Western Watch Case Co., returned, last week, from a vacation spent at Star Lake, Wis.

Mrs. Chenoweth, wife of F. L. Chenoweth, Monroe, Wis., was in town, last week, looking over various lines.

C. M. McKee, who has opened a jewelry store in Walcott, Ind., was here last week placing orders for his business.

E. A. Zimmerman, with the Juergens & Andersen Co., has announced the arrival of a bouncing baby boy at his home.

Charles A. Cornwell, Athens, Ga., stopped over at Chicago, last week, with his bride on their return from Independence, Ia.

J. F. Heald and wife, Sheridan, Wyo., stopped over at Chicago last week on their return from a two months' eastern visit.

A. N. Anderson, Minneapolis, who is starting in the wholesale watch and case business, was in this city last week placing orders.

C. A. Lessing, who formerly traveled through New York for the S. & B. Lederer Co., is now western representative for the

company, and will be in Chicago permanently.

Robert Earnst and wife, Vicksburg, Miss., left this city, last week, after spending a few weeks visiting various points of interest near Chicago.

Frank Lawton, western representative of the Untermeyer-Robbins Co., who has been ill at the Chicago hospital with typhoid fever, is reported to be convalescent.

G. W. Dickenson, general agent of the Elgin National Watch Co., returned, last week, from an extended trip through the east. Mr. Dickenson combined business with pleasure.

Because they swept the refuse from their stores into the street Theodore Jorgenson, 55 E. 43d St., and his clerk, Ray Heacock, were fined \$2 and costs by Justice Quinn at the Hyde Park Police Court.

Fred Hennings, Wahoo, Neb., who has sold his stock to C. J. Vlach, visited Chicago, last week, previous to going abroad to be absent about a year. Mr. Hennings will probably open a jewelry store upon his return.

The members of the family of Paul Juergens, senior member of the Juergens & Andersen Co., spent the latter end of the week at "Villa Oldenburg," Mr. Juergens's Summer home at Powers Lake, Wis., in honor of his 69th birthday.

R. C. Eisenbach, who for the past 14 years has been in the employ of H. C. Kachlein, Lafayette, Ind., was in town last week buying goods for the new store which he will open at Lafayette about Oct. 10. Mr. Eisenbach contemplates visiting the eastern markets.

The storks have lately been working overtime for the children of H. F. Kahn. His son, Harry W. Hahn, announced the arrival of a grandson on Sept. 10, namely, H. F. Hahn 2d, and Mr. Hahn's daughter, Mrs. G. T. Bauer, added to his pleasure by presenting him with a granddaughter, Sept. 17.

Mr. Elliot, representing Meriden Cut Glass factory of International Silver Co., visited the Chicago office last week. H. E. Vincent, representing Factory L, returned, Wednesday, from a brief trip north. C. P. Dugan, representing Factory E, returned, Monday, from a vacation trip spent in northern Wisconsin.

At the first meeting of the creditors of the Francis Jewelry Mfg. Co., held at the office of Frank L. Wean, Referee in Bankruptcy, room 637 Monadnock block, Sept.

16, John Samuels was appointed trustee under a \$3,000 bond. The meeting was adjourned until Sept. 18, and no creditors putting in an appearance, it was then adjourned without date.

Lawrence Pilgrim, for a number of years employed in the Chicago office of the New England Watch Co., died, Sept. 13, of typhoid fever. The office was closed out of respect to his memory. The funeral was held from the First Baptist Church of this city, and interment at Forest Home cemetery. The deceased's office associates sent a beautiful floral piece to the funeral, as did the company and Mr. Lester, the Chicago manager.

At the regular meeting of the Chicago Jewelers' Association, held Sept. 16, the following motion was carried: "That two members be appointed by the president for the purpose of devising a plan to co-operate with the several express companies to prevent goods being delivered to persons fraudulently representing themselves to be messengers of the express companies. The president appointed Messrs. Vogelland and Becken on the committee.

The manufacturing jewelry establishment of J. H. Winn & Co., Champlain building, this city, was closed through a distress warrant for \$490 for back rent, Sept. 15. The owners of the building levied on several office and shop fixtures. At a meeting of the local creditors it was decided, as Mr. Winn could not raise sufficient money to continue the business, that the creditors would dispose of the balance of fixtures, etc., to satisfy their claims. Fred Purdy was appointed trustee for this purpose. The liabilities approximate \$1,000. It is estimated that the assets, which consist of machinery, etc., will realize about \$500.

Among the buyers in Chicago last week not elsewhere mentioned were: Henry Linnig, Peru, Ill.; E. J. Hervey, Grand Rapids, Mich.; J. H. Booth, Alton, Ill.; Charles Geishirt, Niles, Mich.; C. T. Moore, Canton, Ill.; D. MacFarlane, Bessemer, Mich.; Frank Shannon, Montello, Wis.; W. W. Allen, Homer, Ill.; E. D. Beardsley, Harvard, Ill.; F. A. Marean, Belvidere, Ill.; Frank S. Fisher, Tuscola, Ill.; E. S. Saunders, Wyoming, Ia.; C. E. Masters, Crawford, Neb.; J. E. Von Wold, Baraboo, Wis.; W. H. Gates, Milton Junction, Wis.; S. S. Scott, Oxford, Ind.; W. W. McGuire, Northfield, Minn.; J. B. Fricke, Pine Island, Minn.



## BOUQUETS COMING OUR WAY.

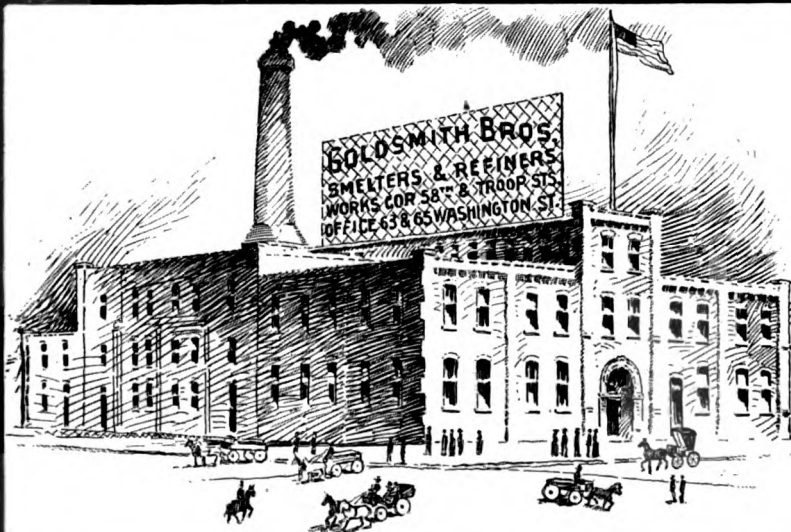
THESE ARE A FEW EXPRESSIONS FROM OUR CUSTOMERS OF THEIR SATISFACTION WITH OUR BUSINESS METHODS.

We want your old gold and silver, you want prompt returns and accurate valuations—we give you both—prove it by sending us a trial shipment.

If our valuation is unsatisfactory we return your shipment at

### OUR EXPENSE.

We send draft immediately upon receipt of shipments.



## GOLDSMITH BROTHERS,

SMELTERS, REFINERS,  
AND  
ASSAYERS.

Office, 63 & 65 Washington St.  
Works, cor. 58th & Throop Sts.

CHICAGO, ILLS.

E. W. COX



## JOBGING STONES. LAPIDARY WORK.

RUBY. AMETHYST.  
WE BUY AND SELL  
**PEARLS**  
**HERMANN & CO.,**  
MASONIC TEMPLE, CHICAGO.  
PRECIOUS AND IMITATION STONES.

F. C. KLEIN. EMIL KLEIN.  
**F. C. KLEIN & BRO.,**  
126 State St., CHICAGO.  
**Steam Lapidary.**  
**DIAMOND CUTTING.**  
Miniature Glasses Cut.  
Importers of Precious & Jobbing Stones



**A. Courvoisier & Co.**  
Manufacturing Jewelers  
and Diamond Setters,  
SPECIAL ORDER AND JOB WORK  
A SPECIALTY.  
80 E. Madison St., Chicago.

**St. Louis.**

## TRADE CONDITIONS.

The wholesale trade is very large just now, and the only objection that is being made by the jewelers is that it is coming in all at once. Some of the wholesale houses are working at night in order to get out orders on time. The retail trade is also increasing and has a most encouraging outlook.

J. A. Lewis, formerly a diamond broker, New York, is now with the L. Bauman Jewelry Co., in this city.

A. L. Bauman, of the Bauman Jewelry Co., expects to make a flying trip to Europe very soon, in the interest of the company's diamond department.

F. U. Huginin, the General Time Inspector of the Missouri Pacific Railroad system, who has just completed a very handsome gasoline launch, made the first trial trip last week. Morris and Sam Eisenstadt were two of several of the invited guests. The launch is built to accommodate about 40 passengers.

The members of the L. Bauman Jewelry Co. wish it stated that they have no connection with the Chicago firm of Bauman Jewelry Co., which conducts an auction store on State St., in that city. Owing to their having been burned out on Washington Ave., this city, some time ago, the impression prevails among some of the trade that they have removed to that city, but such is not the case. They are located in the Equitable Building in this city, and are doing the same class of business as they did before the fire.

The following out-of-town jewelers were in the city last week: B. F. Jeffords, man-

ager of the Cook Jewelry Co., Fayetteville, Ark.; Mr. Cook, of Muchert & Cook, Sherman, Tex.; L. B. Moore, Denison, Tex.; C. H. Martin, Doniphan, Mo.; Robert R. Green, Salem, Mo.; J. H. Johnson, Covington, Ky.; John Koetting, Ste. Genevieve, Mo.; Leroy Golding, Alton, Ill.; John H. Booth, Alton, Ill.; T. L. Foley, Ellsbery, Mo.; C. A. Clement, Springfield, Mo.; Wm. Kronmeyer, Murphysboro, Ill.; Jacob Nelson, Kimmunity, Ill.; Sam Mayer, Denver, Col.; C. L. Glines, Harrison, Ark., and Otto J. Falk, Sturgis, Ky.

**Minneapolis and St. Paul.**

Mr. Abrams, who recently began a jewelry business on Robert St., St. Paul, has sold out to H. I. Shapira & Bro.

M. Barr, traveling salesman for Lewis Finkelstein, St. Paul, is back from a six weeks' trip through North and South Dakota.

Arthur E. Paegel has returned to Minneapolis from a week's hunting trip. Fred Arndt, one of his employes, is away on a week's vacation.

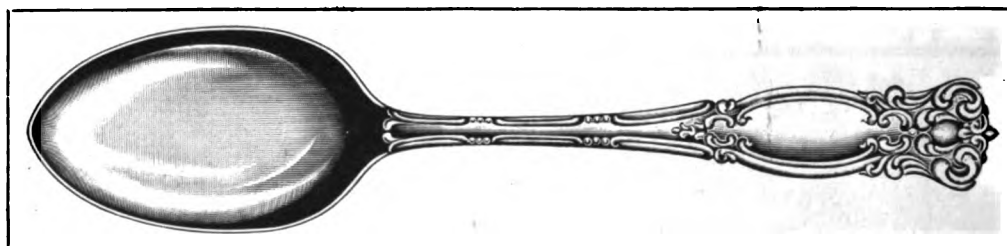
The employes of the manufacturing jewelers of Minneapolis and St. Paul have reached an understanding by a compromise, in which the working hours were fixed at nine hours daily except Saturday, when eight hours constitute a day's work. Time and a quarter shall be paid for overtime work with double time for all legal holidays. The matters of recognition of the union, excluding apprentices until 1904 and

**W M. A. ROGERS**

FAMOUS HORSE SHOE BRAND,



known the world over as the highest grade  
silver plated ware.



Every piece of hollow ware is guaranteed quadruple plate on a base of hard white metal of the first quality.

Flat ware is a A1, sectional and triple plate, on 21 per cent. nickel silver base. Send for catalogue and prices.

Anything in

**Flat Ware, Cutlery, or Hollow Ware.**

131 to 137 Wabash Avenue,

..

..

..

CHICAGO, ILLINOIS.



limiting them hereafter to one for each journeyman were all ignored.

Charles M. Erickson, Minneapolis, now occupies the entire store room there at 303 Cedar Ave.

J. A. Sampson, Chicago, has been engaged by Lewis Finkelstein, as a Twin City salesman.

Edward Olson, of 1409 Washington Ave., South, Minneapolis, announces the birth of a little daughter.

H. E. Schloss, manager of the jewelry department of McClelland Bros. & Ravicz, Minneapolis, is rejoicing over the advent of a baby boy, born last week.

### Detroit.

Jeweler Hugh Connolly, returned, last week, from a three months' sojourn in Europe. He established an optical school in London.

William Wayne and Edward Prather, charged with the larceny of a diamond ring from the store of Traub Bros. & Co., were held for trial, last week, in the Recorder's court.

Burglars one night last week entered the jewelry store of William Hayden, Jr., Benton Harbor, and stole six gold watches and a tray of diamond rings. The police are said to be in collusion and the Common Council of the city has ordered a rigid investigation.

### Indianapolis.

#### TRADE CONDITIONS.

Many thousand people visited the city last week from the surrounding towns and country, on the occasion of the annual State Fair. Most of the visitors went directly out to the fair grounds, but many of them found time to do some Fall shopping. While the dry goods and hotel people took in most of the money, the jewelers had a brisk trade.

George L. Spahr, Lebanon, Ind., is building a handsome new residence, and expects it will be ready for occupancy very soon.

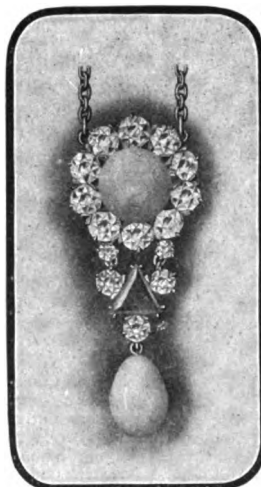
State Senator W. A. Kittinger, of Anderson, Ind., has sworn out a warrant for the arrest of Edward E. Newton, a jewelry auctioneer of Indianapolis, on the charges of embezzlement and false pretenses. It is alleged that Newton induced Kittinger to become surety on a note for \$300, which Kittinger had to pay. Newton is said to have stated that he had a stock of jewelry valued at \$7,000 and a residence in this city worth \$2,000. It was learned later that Newton had no security whatever. He is said to be in Chicago now, conducting an auction.

Some of the visitors seen at the wholesale houses last week were Phil Spohn, Greensburg; E. B. Webb, Plainfield; J. D. Taylor, Logansport; Aaron Pursel, Noblesville; C. M. Hunnicutt, Rockville; H. F. Bennett, Lapel; Chas. Whitcomb, Clinton; I. N. Reitenour, Union City; A. L. Means, New London; E. A. Wiley, Plainfield; G. W. Haines, Clarks Hill; A. Foust, of Foust & Young, Warren; A. W. Owen, Greenwood; Mr. Bush, watchmaker for Cole & Campbell, Bedford; J. W. Hudson, Fortville; G. V. Brown, with C. K. McCain, Kokomo; David Rosenbaum, of D. & J. Rosenbaum, Anderson; Frank Haseltine, of

ESTABLISHED 1884.

INCORPORATED 1893.

**Fancy  
Diamond  
Mounted  
Goods.**



**Diamonds,  
Pearls,  
Emeralds,  
Rubies, etc.**

**JUERGENS & ANDERSEN CO.,**

23-25 LOOIJERSGRACHT, AMSTERDAM, HOLLAND.

92-98 State St., Chicago.

**A. C. BARD & CO.,**

Importers and Cutters of

**DIAMONDS.**



Trade-Mark.

Order direct from us and get "HIGH QUALITY" at LOW PRICES. Only one small profit from cutter to dealer.

Columbus Memorial Building.

103 State St., Chicago, Ill.

**"THE EBONY KING."**

**J. B. ASH,**  
Rockford, Ill.

Largest Importing Jobber in the United States.

Prices positively the lowest.  
Send for illustrated catalogue.

**Fine Fans and Jewelry.**

**FREDERICK J. ESSIG,  
LAPIDIST,**

Importer and Cutter of

**Precious Stones.**

No. 809—131-137 Wabash Ave., Chicago.

Eastern Branch. 51 Malden Lane, New York.

BEST PRICES PAID FOR PEARLS.

Room 260  
Columbus  
Memorial Building

103 State Street  
Chicago, Ill.



EUROPEAN OFFICE

Dorus Van Praag  
9 Rue Milton

PARIS, FRANCE

American and Swiss  
Watches.

Diamonds and Precious  
Stones.

Silver Novelties.

Sterling Silverware.



207 Sutter St., San Francisco, Cal.

**California Jew-  
elry Factory.**

**Quartz Jewelry.**

Jewelry of Every De-  
scription.



# Just Out

Our new 200-page catalogue, consisting of watches, movements, cases and jewelry bought from stocks; sent free to dealers on application. \* \* \*

**Jos. Brown & Co.,**  
176, 178, 180 E. Madison St.,  
Chicago, Ill.

**IF YOU send me five or more watches to repair at one time, I give 5% discount.**

DEMAGNETIZING.

**WILHELM K. SANDBERG,**

WATCHMAKER,  
Columbus Memorial Bldg., CHICAGO.  
SEND FOR PRICE-LIST.

**"Practical Course in Adjusting"**

Price \$2.50.

All Jobbers or Jewelers' Circular Pub. Co.

Ross J. Haseltine Co., Kokomo; F. Dennis, Westfield; Campbell & Kersey, Darlington; H. A. Davis, Pennville; J. W. Thompson, Danville; Jos. Booth, of Booth & Son, Tipton; Rentschler & Miller, Center Point; Claman & Cooper, Hillsboro; Dussler & McCann, Bowling Green; Chas. A. Williams, Terre Haute; Mrs. B. Maier, Edinburg; W. H. Markle, Rigdon; A. C. Shumm, Clarksburg; Cumbert A. Horrall, Martinsville, Ill.

## Cincinnati.

### TRADE CONDITIONS.

Trade is quite brisk in the wholesale lines and the manufacturers are all busy. The visitors to the Fall Festival are not jewelry buyers to any large extent. While the streets are thronged daily, the visitors seem on pleasure bent and are not buying as much as expected. Order work is increasing among the factories and they all seem to be enjoying a brisk trade.

Oscar Keck, of the Duhme Jewelry Co., returned from Europe last week.

Joseph Mehmert is making a trip out through the State on business and pleasure.

The holiday lines of the Wadsworth Watch Case Co. are now about completed. Theodore Neuhaus & Co. made 13 elegant fobs in 14 karat gold for the Avondal Athletic Club for prizes for the coming contest.

Joseph Noterman & Co. have made up the finest line of diamond pendants they have ever carried. John Osthoff has returned for a few days to restock his line.

Frank Herschede has increased his factory space owing to the great demand for hall clocks. Both John and Ed. C. Herschede are on the road selling these clocks.

The greatest day of the Fall Festival occurred last week, when President Roosevelt attended the festival. At the dinner given him by the directors a solid gold C. F. F. badge, made by Theodore Neuhaus & Co., was presented him as a souvenir of the occasion.

Wm. Walcott, Toledo, reports a robbery of a ruby and diamond locket by two men who claimed to be doctors, on a scheme similar to that which was played in Cincinnati, as recently reported in THE CIR-

CULAR-WEEKLY. The description of the men who robbed Mr. Walcott tallied in every respect with that of the men who worked the same game here.

Among the visiting jewelers attending the Fall Festival were Frank C. Taylor, Carlisle, Ky.; Ed. De Voss, Wilmington, O.; John Zelly, Eaton, O.; Fred. Goosmann, Somerville, Tenn.; Miss J. Hewig, Evansville, Ind.; Mr. and Mrs. J. S. Throp, Greensburg, Ind.; M. Moser, Wapakoneta, O.; W. F. Roth, Gallatin, Tenn.; A. Clooney, Maysville, Ky.; W. F. Bretz, Rockport, Ind.; F. G. Meyer, Dayton, O.; M. D. Kelly, Hopkinsville, Ky.; John W. Clark and wife, Mt. Vernon, O.

## Cleveland.

A. E. Kintner, Painesville, O., was in the city last week, buying goods.

J. W. Dunlap, Greenville, Pa., was a business visitor in Cleveland last week.

W. J. Davies, with the Sigler Bros. Co., has returned from Oil City, Pa., where he spent his vacation.

George W. Scribner, of Scribner & Loehr, spent last week on an inspection tour of the Cleveland, Lorain & Wheeling Railroad. Mr. Scribner and his partner are chief inspectors of watches of that road.

The affairs of Sumner & Risser, for whom a receiver was appointed some time ago, are about as they were at the beginning, but a member of the firm stated a few days ago that there would probably be something of a definite nature accomplished in about two weeks.

F. N. Young, Mt. Vernon, O., was in the city a few days ago, purchasing goods. Mr. Young was formerly a member of the firm of Young & Clark, which dissolved partnership. John Clark, the other member, has opened a new store in Mt. Vernon.

The Webb C. Ball Co. had a window a few days ago which attracted a great deal of attention. It was a joking reference to the high price and scarcity of anthracite coal. A hod of small anthracite was turned up on the side in one corner of the window, and upon it was a placard with the words, "A lump of anthracite with

**JOS. NOTERMAN & CO.,**

**Loose. DIAMONDS Mounted.**

509-511-513 Race St.,

CINCINNATI

OHIO.



every pair of cuff buttons." The remainder of the window was filled with cuff buttons and some other small jewelry.

H. H. Brainard, Medina, O., was a visitor to this city the latter part of last week.

Buyers in the city within the last few days not mentioned elsewhere were Harry Downs, Bellevue, O.; L. J. Goddard, Ravenna, O.; W. A. Scott, New Cumberland, O., and Mr. Finney, Elyria, O.

### San Francisco.

#### TRADE CONDITIONS.

The lull between the Summer and Fall seasons has been apparent among a few retailers, during the last week; but with the trade generally the Fall business has already begun. Improvements are being made in nearly all of the houses, and quite a number of jobbers and manufacturers' agents are looking for larger quarters. Manufacturing jewelers are now compelled to work nights to fill the orders which are coming in to them. Opticians and jewelers alike are enjoying a good season.

Charles A. Daunt, Modesto, Cal., is here inspecting Fall goods.

Mrs. E. Pfund, retailer in Aberdeen, Wash., is visiting in this city.

Adolph Eisenberg & Co. are contemplating the remodeling of their offices at 126 Kearny St.

Fred. Levy, of M. Schussler & Co., wholesalers, contemplates taking a trip around the world with his family.

J. B. Whitney, manufacturers' agent, at 120 Sutter St., has received 15 new styles of the E. Ingraham Co.'s clocks.

John T. Lowe, Hollister, Cal., is in town, and F. M. Reiche, of Los Angeles, Cal., is expected here in a day or two.

H. W. Morgan, with Wm. P. Morgan, is visiting in Los Angeles, Cal., with his wife. They are registered at the Angelus.

Mr. Forestier, salesman for Carrau & Green, had a successful hunt in Marion County a week ago last Sunday, when he bagged two deer.

A. Judis, of the Alphonse Judis Co., expects to surprise his friends in the near future. He is having made the latest model automobile.

D. J. Barr and H. C. Van Ness, of 120 Sutter St., announce that they are both looking for more room, as their present quarters are inadequate.

Walter Green, of Carrau & Green, wholesalers, 220 Sutter St., has cabled that he had just arrived at Amsterdam, where he has gone to buy diamonds.

Joe Catanich, formerly with W. K. Van-

derslice & Co. for many years, and now with Shreve & Co., on Market St., was married last week and spent his honeymoon at Alvarado.

John A. Hammersmith, of Hammersmith & Field, was recently presented with a beautiful silver loving cup by the Olympic Athletic Club, of San Francisco, for long and meritorious service as leader of that organization. The instructors of the club also made him a present of a handsome traveling bag. Mr. Hammersmith has been leader of the Olympic Club for 15 years, and enjoys a popularity among the members that few men acquire. He is an athlete himself and a great lover of outdoor sports.

### Kansas City.

#### TRADE CONDITIONS.

During the past week the weather has been quite cool with some rain. Business is still booming with the jobbers, and the manufacturers are working both night and day. The Fall retail trade has just begun, and promises to be the best in years.

M. Wilhelmi, Lawrence, Kan., has left for a visit to Colorado.

L. Blake, Checotah, Ind. T., has given a chattel mortgage for \$4,000.

E. E. Elterman, Hobart, Okla., has given a chattel mortgage for \$323 on his stock.

Mr. Henry, of the Meyer Jewelry Co., was married, recently, to Miss Nora Leary.

J. S. Cody and W. Smith, of the Cody & Olmstead Jewelry Co., have returned home.

A large number of out-of-town buyers visited Kansas City last week. Among them were: T. G. Burkhardt, Jefferson City, Mo.; Thorwald Kolstad, Pleasant Hill, Mo.; Harry B. Kennedy, Aurora, Mo.; Geo. W. Ellis, Butler, Mo.; J. A. Hathaway, Parkville, Mo.; A. Smith, Admire, Kan.; J. E. Plummer, Grand View, Mo.; E. E. Rankin, Rush Springs, Ind. T.; Charles H. Seiler, Galena, Kan.; O. H. Woodfill, Nevada, Mo.; Henry Baier, son of F. K. Baier, Salina, Kan.; S. J. Stricker, Salina, Kan.; W. J. Smith, of Wiedemann & Smith, Eldorado, Kan.; Geo. Spangle, of J. B. & G. H. Spangle, Chetopa, Kan.; Walter Starcke, Junction City, Kan.; Eli Hostetler, East Lynne, Mo.; F. M. Dillon, Bonner Springs, Mo.; C. E. Warden, Topeka, Kan.; Samuel F. Ricker, Emporia, Kan.; Walter Sperling, Seneca, Kan.; A. L. Wood, Nevada, Mo.; F. W. Benedict, Rich Hill, Mo.; D. E. De Vere, Louisiana, Mo.; John M. Earp, Lamar, Mo., and J. N. Rose, Stafford, Kan.

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and  
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Importers  
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65 Nassau St.,  
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Diamond Cutting and Polishing  
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STONE SEAL ENGRAVING.  
Importer of Precious and Jobbing Stones.  
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## NEW PHOTO SOUVENIR Match Safe.

A NOVELTY.  
A GREAT SELLER.

Pat. April 15, 1902.  
Cut 1/2 actual size.

A BUTTON miniature photo of any grade can be placed in and removed as desired by the purchaser. Made in sterling silver and sold as cheaply as any other sterling match safe.

The design and workmanship are up-to-date and present a very rich and elegant appearance. Price, \$21 a dozen. Sample by mail, \$1.75. Made in French Gray, Satin and Polished.

S. BIREN,

48-50 Maiden Lane, New York.



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## Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

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Heavy type, double regular rates.

Display cards on this page, \$2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

## Situations Wanted.

**ENAMELER**, skilled in all branches, seeks immediate employment. Jos. Schafft, College Point, L. I.

**WATCHMAKER**, expert on fine work, wants position south for three months. Jenkins, care Jewelers' Circular-Weekly.

**DESIGNER**—A designer of ability with full knowledge of all branches of sterling silverware, is open for engagement. Designer, care Jewelers' Circular-Weekly.

**DESIGNER**; Frenchman; worked with best Paris manufacturing silversmith; desires a position in same specialty. Address "A. B. 27," care Jewelers' Circular-Weekly.

**WANTED**, by an A1 salesman, a position either inside or on the road; watches, diamonds or gold jewelry preferred. Address "S. 19," care Jewelers' Circular-Weekly.

**FOREMAN** and first class designer on rings and brooches desires to connect himself with gold manufacturing concern. Address "Foreman," care Jewelers' Circular-Weekly.

**NOTICE!** This is an opportunity for the right party getting the right man; good pivoter, hard solderer and general assistant at the bench. "S. A. H.," 106 S. 2d St., Columbia, Pa.

**FINE WATCHMAKER** and optician, fair engraver, wishes position; age 42; 16 years' experience; fine references and tools. Address "Penna.," care Jewelers' Circular-Weekly.

**EXPERIENCED SALESMAN**, at present employed, desires to change and represent a manufacturer; city or road; salary or commission. "Mountings," care Jewelers' Circular-Weekly.

**YOUNG MAN (21)** desires situation in jewelry manufacturer or jobber's office, or as salesman; four years' stock experience and one year as salesman. M. L., care Jewelers' Circular-Weekly.

**EXPERIENCED YOUNG LADY** desires position as stock clerk in jewelers' office, capable of taking entire charge of salesroom; first class references. "X. Y. Z.," care Jewelers' Circular-Weekly.

**PARTY** with thorough knowledge of diamonds and precious stones open for engagement, now or Jan. 1, 1903; first class references. Address "Precious Stones," care Jewelers' Circular-Weekly.

**YOUNG ENGRAVER**, plain lettering and monogram workman; four years' experience on all kinds of clock work; will go to work at once; references. Address "W. B.," care Jewelers' Circular-Weekly.

**ENERGETIC YOUNG MAN** desires to obtain position with manufacturing or jobbing jeweler as stock clerk or inside salesman; good talker; references. "Eternal Hustler," care Jewelers' Circular-Weekly.

**JAN. 15**, with wholesale jewelry house or manufacturer, New York or vicinity, by young man, 18 years' experience in retail business as watchmaker and salesman. Address S. A. M., care Jewelers' Circular-Weekly.

**YOUNG MAN (24)**, five years' experience in gold pens, pencil cases and novelties, wants position with a house where he can advance himself; good penman; A1 references. G. E. L., care Goetting, 720 Third Ave., New York.

**SITUATION WANTED** by a first class watchmaker, jeweler and clock repairer; three years at the bench; three months at Bowman's Technical School, Lancaster, Pa.; have tools. Address 4 Center St., Danville, Pa.

**POSITION** in graduate of Philadelphia College of Horology, in watchmaking, jewelry, engraving and optical work; has had four months' practical experience; willing to begin at low wages. Chas. W. Laubenstein, Ashland, Pa.



**SITUATIONS WANTED—Continued.**

**SITUATION WANTED** by first class jeweler on repairing and new work, diamond setting, plain engraving and watch work; 25 years' experience in jewelry manufacturing. Apply to J. Huber, 208 East Main St., Danville, Ill.

**YOUNG MAN** (35) of good address, with an exceptionally good knowledge of diamonds and watches; 20 years' experience; seeks position in A1 jewelry house, wholesale or retail. Wm. C. Weickum, 92 Norman Ave., Brooklyn, N. Y.

**WANTED, POSITION** as stenographer or office assistant in manufacturing or wholesale jewelry house. Address Miss F. G., care Jewelers' Circular-Weekly.

**A YOUNG MAN** with an A1 western trade, both retailers and jobbers, wishes a position as traveling salesman; information as to references, etc., by mail only; diamond or mounted diamond house preferred. O. P., care Jewelers' Circular-Weekly.

**WANTED, POSITION;** a first class watchmaker with many years of experience in fine and complicated watches, watch adjusting and rating, wants a position by October next; only first class houses, where good and fine work is wanted, answer; no cheap houses. Address A. W., care Jewelers' Circular-Weekly.

**NO JEWELER,** engraver or optician, but an A1 watchmaker; 25 years' practical experience at the bench; capable of taking in and delivering; high grade imported and American railroad work a specialty for the past 10 years; satisfaction guaranteed; desires permanent position. "Chronometer," care T. J. McIntire, New Ross, Ind.

**WANTED,** permanent position with a first class retail house as manager of a department or of the whole store; have a thorough knowledge of watches, clocks, silverware and precious stones; am practical watchmaker; will accept position now or Jan. 1; strictly first class references. Address "Expert," care Jewelers' Circular-Weekly.

**THE ADVERTISER,** who has had extended practical experience in the designing and production of sterling silver, electro-plate and allied wares, seeks engagement as manager or in other responsible executive position with a progressive house. Address "X 93," care Jewelers' Circular-Weekly.

**Help Wanted.**

**WANTED,** first class jewelry and silverware salesman. Apply at the Duhme Jewelry Co., Cincinnati, O.

**WANTED,** a good watchmaker and engraver; send samples engraving at once. Rudisill Bros., Altoona, Pa.

**WANTED, GOOD WATCHMAKER,** jeweler and clock repairer; first class store, steady position. Chas. J. Dale, Plattsburgh, N. Y.

**JEWELRY REPAIRER,** must be good workman; permanent position in retail store; send reference. F. D. Day & Co., Duluth, Minn.

**WANTED,** good watchmaker and engraver; permanent situation, with A1 reference. Address, stating salary, C. L. Ruth & Son, Montgomery, Ala.

**WATCHMAKER,** who understands ordinary watch work. Address, giving reference and salary expected, S. Slonim, New Brunswick, N. J.

**FIRST CLASS jeweler and engraver;** prominent position to the right party; fine, large shop; good light and air. Wm. Schweigert & Co., Augusta, Ga.

**WANTED,** first class jeweler and engraver; must be steady; submit sample of engraving and state salary. Address J. B. Schafer, 615 McKean Ave., Charlevoix, Pa.

**WANTED,** a young man of neat appearance, who can wait on trade and assist at the bench; also, must come recommended. T. A. Westmyer, Wheeling, W. Va.

**YOUNG MAN,** 18 to 20, wanted by a wholesale optical house to learn the line; must be active, willing and ambitious to advance, and come well recommended; applicant should give full information regarding self in his reply. "Optics," care Jewelers' Circular-Weekly.

**WANTED,** a good clock repairer and one capable of doing plain watch work; permanent position to right man. Chas. P. Ward, successor to T. G. See, Yonkers, N. Y.

**WANTED,** a young man as engraver and salesman for plated and sterling silverware. Apply at once in person to Woodside Jewelry Co., 192 Broadway, New York.

**WANTED,** first class watchmaker, who is a good engraver and a good salesman; young man preferred; references required. Address R. Van Keuren & Co., Savannah, Ga.

**A WELL-KNOWN New York jobber** of watches and jewelry desires, Jan. 1, 1903, an outside traveler with established trade; state territory, experience, etc. L. T., care Jewelers' Circular-Weekly.

**WANTED, WATCHMAKER AND ENGRAVER;** permanent position; young man preferred; state age and salary expected. Address, with references and sample of engraving, E. N. Farrior, Charlotte, N. C.

**WANTED,** good jobbing jeweler, engraver and watchmaker; would prefer one who can do some jewelry manufacturing; good wages and permanent position to satisfactory man; send references, sample of work and all information in first letter. "J. 19," care Jewelers' Circular-Weekly.

**WANTED—By a prominent jobber** in watches and jewelry with established trade, an experienced salesman who is known to the retail jewelry trade in New York, Pennsylvania and Ohio; excellent opportunity for a good man; contract from Jan. 1, 1903. Box 91, care Jewelers' Circular-Weekly.

**PLATER,** general gold and silver plater, to take charge of watch cases, jewelry, flat and hollow ware plating department in large Chicago shop; good wages and steady work throughout the year to competent, reliable and experienced man on job work; nine-hour day. Wendell & Co., 57 Washington St., Chicago, Ill.

**HUSTLING SALESMAN,** selling to the jewelers and department stores, can earn from \$25 to \$50 per week with our side line of 14 karat gold filled rings; our own manufacture; we put up goods for the trade in beautiful display show cases and trays; samples are easily carried; commission, 20 per cent.; state territory traveled and references of firm employed with. Address Arnstine Bros. & Mier, 533 Rose Bldg., Cleveland, O.

**WANTED.—A first class jewelry salesman** by a large retail Chicago house; must be able to furnish unquestionable references and be thoroughly experienced in selling diamonds, watches and fine jewelry; state age, experience, references and salary willing to accept to start; a good opportunity for the right man. "L. B.," care Jewelers' Circular-Weekly.

**Business Opportunities.**

**TO TRADE** 1,000 acres of land 40 miles from Springfield, Mo., suitable for farming or orchard; price, \$6.50 per acre; for stock of jewelry. Answer Lock Box 622, Neosho, Mo.

**A NEW YORK optical business** for sale; receipts over \$6,000 per year; reason for selling, going into other business; a good opportunity for some one. For further particulars apply to L. F., care Jewelers' Circular-Weekly.

**FOR SALE, JEWELRY BUSINESS** in town of 6,000; stock and fixtures about \$1,500; annual receipts about \$5,000; good repair trade; do not answer unless you have \$2,000. Address "Jeweler 95," care Jewelers' Circular-Weekly.

**WE BUY ENTIRE STOCKS** of jewelry for cash; ship your surplus stocks to us, C. O. D., with privilege of examination; we buy all kinds of high grade movements, either foreign or American manufacture; all transactions strictly confidential. Boston Watch Co., 279 Washington St., Boston, Mass.

**RETIRING** from jewelry business, will dispose of our centrally located store, stock, fixtures and good will; reasonable cash price; business established 1860; excellent opportunity. Smith & Dreer, cor. Arch and 10th Sts., Philadelphia, Pa.

**For Sale.**

**FOR SALE, CHEAP,** fireproof safe, 26 x 48 x 20 inches inside. Fred E. Vaissien, 88 Clinton Ave., Albany, N. Y.

**FOR SALE, hydraulic press;** capacity, 125 tons; first class condition; price, \$125. Charles Weller & Co., 84 E. 29th St., New York City.

**FOR SALE—SIGNS.** Watch, ring and spectacle signs, mammoth, medium and small size; illuminated and non-illuminated; durable, elegant and attractive; best signs on earth; they are sure to attract attention, help advertise and increase your business; no other signs equal them; send for catalogue. Address Lon Barnhart, Mfr., Springfield, O.

**To Let.**

**PART OF OFFICE** or desk room to let. Three Maiden Lane, Room 52.

**TO LET,** space in prominent jewelry store for steel plate engraver and stationer. Address "G. 75," care Jewelers' Circular-Weekly.

**Miscellaneous.**

**CANADIAN TRAVELER** wishes to obtain one or two good lines on commission for Canada; good opportunity for increasing business. A. Alexander, 77 W. 45th St., New York.

**YOUNG MAN,** with own office in Philadelphia, understanding the jewelry business thoroughly and acquainted with all the manufacturers and retailers, wishes to represent some jewelry firm, which does or could do business in Philadelphia. "D. J. 93," care Jewelers' Circular-Weekly.

**SALESMAN,** many years' experience, selling the largest department stores here and nearby, desires (on commission) lines of silver or gold jewelry, or fancy novelties, of out-of-town manufacturers. "Experience 98," care Jewelers' Circular-Weekly.

**High Class Business For Sale.**

Manufacturing, Retail Jewelry and Importing.

One of the oldest established and leading houses in New England. 70 years uninterrupted success. Large store, prominent location. Steady established trade. Reputation extending over the entire country. Large Mail Order business. Merchandise on hand represents recent products of the leading and best American and European manufacturers. **NO OLD STOCK.** Fixtures, machinery, equipment, all modern, up-to-date. Business perfectly organized and in active successful running order.

Present active manager, 38 years continuous work, wishes to retire. Will negotiate with reliable party for controlling interest, acceptable partnership or entire business. Rare and exceptional opportunity for young man with capital to acquire an established, attractive, refined and profitable business in a beautiful city, charming surroundings.

No speculation, no uncertainty. Close attention and business methods. Success assured.

Principals only. Address "Established Business," care Sloan & Company, 21 Maiden Lane, New York City.

**WASHINGTON Watchmakers' Institute,**

1425 NEW YORK AVE., N. W.

WASHINGTON, D. C.

Write for Particulars.

**EVERY REPAIRER** should have a copy of "THE JEWELRY REPAIRER'S HANDBOOK," just issued by The Jewelers' Circular Publishing Co. Price, 75 cents.



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**New Lock Style,**  
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**JEWELERS FIXTURES**  
DESIGNERS AND MANUFACTURERS  
**THE CLEVELAND STORE FIXTURE CO.**  
**CLEVELAND, O.**  
SEND FOR DESIGNS AND ESTIMATES.

## Pacific Northwest.

### TRADE CONDITIONS.

The Elks' Carnival, at Portland, Ore., has closed, and jewelers report that it brought them a large amount of business. Strangers were numerous in town and the business men made many new customers. Most of the jewelers have begun to lay in their holiday stocks and are looking for a splendid Fall and Winter trade.

George Doerr, Spokane, Wash., is building a \$4,000 residence in that city.

Fire at Goldendale, Wash., recently destroyed the jewelry store of Mr. Campbell.

B. W. Felder, Wilbur, Wash., was in Hartline recently looking up a location for a branch store.

E. P. Nichols, formerly with A. & C. Feldenheimer, Portland, Ore., is now with G. Heitkemper Co.

Alfred Letcher, jeweler at Grant's Pass, Ore., has just received a new machine for engraving silverware, jewelry, door plates, etc.

The Carpenters' and Joiners' Union announces that the difficulty between the union and E. B. Born, jeweler at Ritzville, Wash., has been satisfactorily adjusted.

Several months ago Carl Adler, who has for many years past conducted the Crystal Palace, Baker City, Ore., announced that he had decided to close out his business in Baker City and remove elsewhere. Mr. Adler has since concluded to remain in Baker City, and will again enter upon an active business career.

Subsequent to the arrest of Charles Woods, accused of attempting to pass counterfeit money, Joseph, Albert and Marcus Mayer, of Mayer Bros., jewelers, of Seattle, Wash., were taken into custody accused of being implicated in the counterfeiting. The jewelers gilded the coins, which, they assert, they believed were to be used as jewelry ornaments.

## Savannah, Ga.

H. T. Whaler, Miami, Fla., has sold out his Titusville branch.

E. N. Anderson, of Abbeville, Ga., has moved to Montgomery, Ga.

J. & C. N. Thomas will shortly remove to the corner of Whitaker and State Sts.

Thomas N. Theus has returned from his vacation spent in the mountains of North Carolina.

George R. Youmans, Waycross, Ga., is defendant in a suit for \$10,000 damages brought by W. E. Calhoun, a former baggage master on the Plant System. In the early part of the year Mr. Youmans sold to Calhoun a watch under a signed contract that the watch was to remain the property of Mr. Youmans until the full amount of the purchase price was paid by Calhoun, and the latter disposed of the watch in Jacksonville before it was paid for. Mr. Youmans, learning that Calhoun had been discharged from the railroad service, and that he had disposed of the watch, had him arrested. The case was tried in the City Court and Calhoun was convicted and sentenced to pay a fine of \$50 and costs, or serve a term on the chain gang. Mr. Youmans at the urgent request of Calhoun's mother afterwards secured his release. He was formerly a resident of Johnston, S. C., and is 23 years of age.

## New Orleans, La.

Mrs. Coleman E. Adler has returned from Mobile, where she was visiting her sister.

The family of T. Hausmann have returned from Bay St. Louis after a pleasant five weeks' stay.

Frantz Bros. & Co. are displaying in their show window, 833 Canal St., a handsome gold medal, of unusually fine workmanship. A very natural model of the gamy tarpon fish is also prominently displayed. The medal is offered to the sportsman of all the coast clubs who catches the largest tarpon. The prize is offered by C. P. Richardson.

The Jewelers' Fraternity, which is being organized, held a meeting in Klotz Hall, Sunday night, with an attendance of 20 members. Another meeting will be held Sept. 26, when the organization will be permanently organized. There are at present about 100 names on the roll. L. W. Jerry, with Leonard Krower, is the organizer. The fraternity includes watchmakers, opticians, silversmiths, engravers, platers and clerks.

## "THE BRACELET HOUSE." GOLD BRACELETS.

**KENT & WOODLAND,**  
Successors to Wm. H. Ball & Co.

16 John Street, New York.

**EVERYTHING IN  
GOLD  
Bracelets.**

## BLANCARD & CO., Settings, Galleries, etc. Foxtail Chains.

Write for **NEW CATALOGUE.**

96, 98 and 100 Maiden Lane,

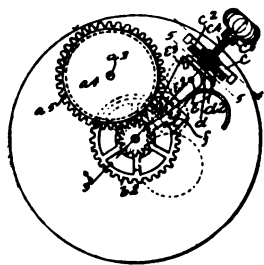
**NEW YORK.**



## The Latest Patents.

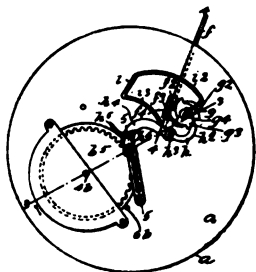
ISSUE OF SEPT. 16, 1902.

**708,985. STEM-WINDING WATCH.** MORRIS BASSOFF, Brooklyn, N. Y. Filed May 12, 1902. Serial No. 106,871.



In a watch winding and setting mechanism a barrel-shaft provided with a gear-wheel, a center arbor provided with a pinion, a gear-wheel operating in connection with said pinion, a yoke provided with a pinion normally in engagement with the gear-wheel on the barrel-shaft and adapted to be thrown into engagement with the gear-wheel which operates in connection with the pinion on the center arbor, a stationary plate, a wheel mounted on the inner side of said plate and provided with a hub which passes therethrough and is adapted to receive a pendant-stem longitudinally movable therein, and a plate pivoted between said wheel and said yoke and adapted to be operated by the pendant-stem, said last-named plate being adapted to operate said yoke.

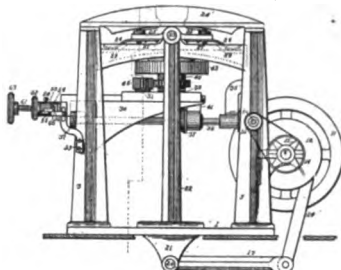
**708,986. STOP-WATCH.** MORRIS BASSOFF,



Brooklyn, N. Y. Filed May 12, 1902. Serial No. 106,872.

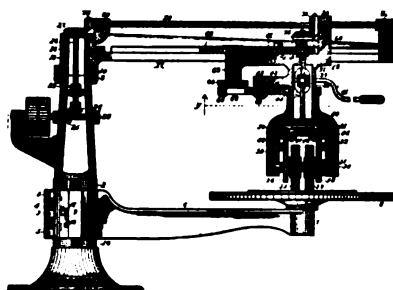
In a fly-back attachment for watches, the combination with one of the plates of the frame of a watch mechanism, of a yoke-shaped spring secured to said plate at the middle thereof, a double cam-disk mounted on said plate, one member of which is in operative connection with one arm of said spring, and a lever adapted to engage with the other member of said cam-disk, said lever being in operative connection with the other arm of said spring.

**709,019. MACHINE FOR GRINDING GLASS.** WILLIAM LAHODNY, Akron, O. Filed Jan. 24, 1902. Serial No. 91,066.



The combination in a machine for grinding convex surfaces consisting of an oscillating grinding-head, springs to bear upon the upper surface of said grinding-head, means to adjust the inclination of said grinding-head, means to hold the article to be ground, and means to revolve said holder, means to oscillate said grinding-head, and means to convey said article to be ground against said grinding head.

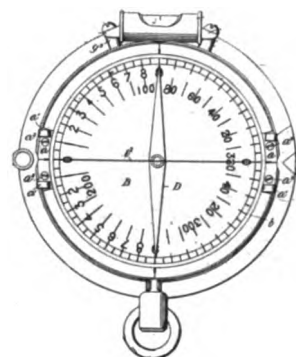
**709,020. GLASS GRINDING AND POLISH-**



**ING MACHINE.** WILLIAM LAHODNY, Akron, O. Filed March 6, 1902. Serial No. 96,919.

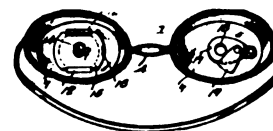
In a machine of the class designated, the combination of an upright supporting-post, a swinging arm pivoted on the upper end of said post, a carriage adapted to travel along said swinging arm, means mounted on said carriage for supporting grinding and polishing mechanism, means to convey power from said post through said swinging arm to said grinding and polishing mechanism, and means to cause said grinding and polishing mechanism to rotate less than a revolution.

**709,046. POCKET-COMPASS.** CHARLES C. RUEGER, Butte, Mont. Filed July 16, 1901. Serial No. 68,505.



The combination with a compass-casing, of a graduated disk revolvably mounted upon a central spindle within said casing, the casing inclosing said disk at the bottom and sides but being open at the top whereby the entire upper face of said disk is exposed to view, a magnetic needle revolvably mounted above and independently of said disk, and adapted to read over the entire upper face of the disk at all times, and arresting devices for said disk, substantially as described.

**709,058. DEVICE FOR THE CURE OF STRABISMUS.** JOHN E. STIERLE, Eau Claire,



Wis. Filed Nov. 11, 1901. Serial No. 81,907. A device for treating strabismus, consisting of

# "The Dover Improved" PIN TONGUE AND JOINT.



Patent Allowed.



You pinch it, we have done the rest. Hangs up quicker, is stronger, looks better than any Pin Tongue and Joint on the market. No more worry, no more return goods on account of weakness. The perfection of "Pintongueandjointness" reached by the firm who has been the only one to "do things" for the jeweler.

**SPECIAL**—We will pay the cost of repairs on any goods returned, if it can be proven that it was the fault of our Pin Tongues and Joints.

**SAMPLES SENT FREE TO ANY ADDRESS IN THE WORLD.**

## GEORGE W. DOVER CO.,

80 Clifford St., Providence, R. I.

The Largest Makers of Metal Ornaments, Jewel Settings and Jewelry Components in the World.

P. S.—Mix a few of Dover's ideas with yours and watch them effervesce.





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**S. F. MYERS CO., N. Y.**  
48-50 MAIDEN LANE

.. THE ..  
**SWAN FOUNTAIN PEN.**

Reputation World Wide.  
Made upon Distinct Principles.  
Is a Compressed Air Pump.  
Simply Wet the Insides to Provoke  
an Energy.

**W. W. STEWART, Inventor and Patentee.**

**A variety of Styles and Prices.**

**3 Sizes Safety Swans.**

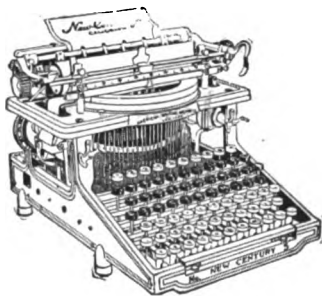
**3 Sizes Self-filling Swans.**

**2 Sizes Adjustable Feed Swans.**

**MABIE, TODD & BARD,**  
NEW YORK, CHICAGO AND LONDON.

If you are dissatisfied with the appearance of the letters you are sending out or the quantity your operator can turn out, INVESTIGATE THE

**NEW CENTURY**  
**TYPEWRITER.**



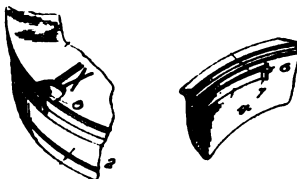
The quality of the work and the ease with which it is done are New Century features.  
Full information on request.

AMERICAN WRITING MACHINE COMPANY,  
343 BROADWAY, NEW YORK.

Sales Offices in all the principal cities.

one or more opaque plates having enlarged openings, slides covering said openings, and inwardly-projecting sight-tubes carried by the slides and adjustable therewith to accommodate the position of the pupils of the affected eyes.

**709,121. WATCH-MOVEMENT FASTENER.**  
LEVI G. SOLENBERGER, Chambersburg, Pa.  
Filed May 28, 1902. Serial No. 109,348.



In combination with a case, a movement removably fitted within the case and having a depression in its front plate in the rear of the dial, a cut upon the edge of the said plate in communication and disposed approximately at a right angle to the depression, a spring-catch secured to the case at one end and provided at its free end with a right-angularly-disposed extension adapted to enter the aforementioned cut in the edge of the movement-plate, a head extension also right-angularly disposed with relation to the aforesaid extension, the latter entering the depression in the plate and concealed by the dial covering the said depression.

**709,195. BAND FOR BRACELETS, ETC., AND METHOD OF MANUFACTURING SAME.** THOMAS S. BENNETT, Providence, R. I. Filed Dec. 28, 1900. Serial No. 41,336.



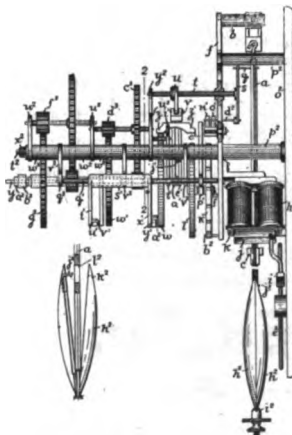
A lazy-tongs band composed of two sets of arms, one set provided with pivots and the other with means for the reception of said pivots, the said pivot-bearing arms each comprising a plate having suitable pivots secured thereto, and a recessed body within which said pivot-bearing plate is secured.

**709,229. DIAMOND-CUTTING TOOL.** EUGENE MAHY, Cincinnati, O. Filed April 26, 1902. Serial No. 104,757.



A diamond-cutter's dop having a circular recess or socket in the upper portion thereof, a rotatory disk within said socket carrying at a point other than its center the stem of said dop, substantially as set forth.

**709,234. ELECTRIC CLOCK.** CARL J. MOBERG, Jersey City, N. J., assignor to Adam E.



Schatz, Mount Vernon, N. Y. Filed May 26, 1897. Renewed Jan. 17, 1901. Serial No. 43,629.

The combination in a pendulum-actuating circuit

of a circuit-closing lever, a pawl synchronously actuated by the pendulum for actuating said lever, and a pawl-carrying device whereon the pawl rests and reciprocates said device, preventing engagement of said pawl with the lever while the impulses enable said pawl to reach said carrier, and permitting engagement when the pawl fails to reach thereto.

**709,255. HAIR-PIN.** WILLIAM S. BECHTOLD, Newark, N. J. Filed May 2, 1902. Serial No. 105,587.



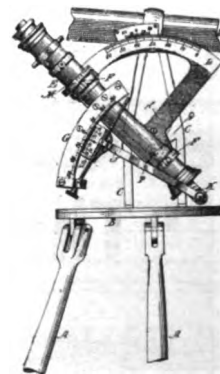
A hair-pin or like article having its shanks in substantially the same plane the ends of its shanks converging and provided with entering members extended transversely in opposite directions relative to each other and to the plane of the pin, substantially as described.

**709,260. RESERVOIR-PEN.** ROBERT T. GILLESPIE, Rochester, Pa. Filed May 15, 1901. Serial No. 60,816.



A penholder consisting of a ferrule provided with a socket for the pen-point and means for limiting its inward movement therein, a lid pivotally mounted between the sides of the ferrule adapted to be folded upon the pen-point and to form with it an ink-holding cavity, such lid being provided with circulation-apertures for the purpose specified, a lifting extension and a spring-bearing shoulder by which the lid is held in a lowered or raised position respectively, and a flat spring adapted to bear against such shoulder secured in the interior of the ferrule.

**709,280. MERIDIAN ATTACHMENT FOR SOLAR TRANSITS.** JAMES H. YOUNG, Pensauken, N. J., assignor to Alfred C. Young, Philadelphia, Pa. Filed Nov. 30, 1901. Serial No. 84,217.



In a solar transit, a telescope, standards supporting the same, a solar telescope suitably pivoted at a point between said standards and moving independently of said first-mentioned telescope, a latitude-arc in the form of a quadrant connected and moving with said solar telescope, and a declination-arc suitably connected with said solar telescope and adapted to revolve in a plane outside of the plane of said standards.

**709,307. FOUNTAIN-PEN.** ROBERT B. DICKIE, Kenosha, Wis. Filed June 26, 1902. Serial No. 113,269.



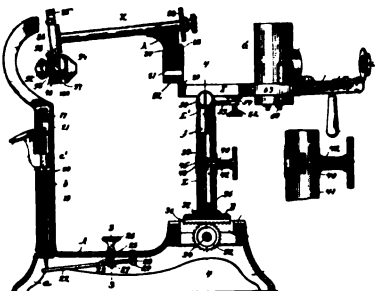
In a pen of the character described, the combination with a barrel or reservoir and a pen-point of an absorbent material arranged to retard the flow of ink from one to the other, and means for varying the destiny of said material, for the purpose of regulating the flow of ink.

**709,359. OPTICAL INSTRUMENT.** SETH A.



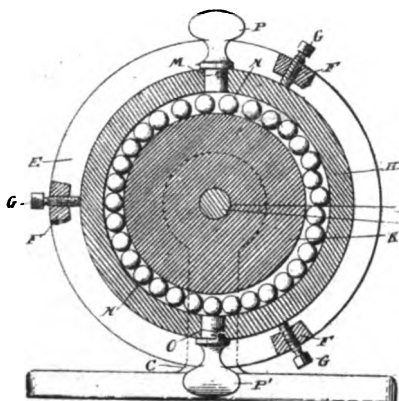
RHODES, Chicago, Ill. Filed March 13, 1902.  
Serial No. 97,998.

In optical instruments, a suitable frame adapted at one end for the patient, a light-screen and a mirror having a peep-hole mounted at the opposite end, and means on said frame substantially midway between its ends and in the line of sight



between said mirror and eye-piece for supporting an eye-piece and test lens closely adjacent the patient's eye for refractive test and an object-glass midway between the ends of the instrument for ophthalmoscopic examination.

709,409. MACHINE FOR REDUCING AND FINISHING HOLLOW BALLS. ALLEN JOHNSTON, Ottumwa. Filed Sept. 20, 1901.  
Serial No. 75,903.



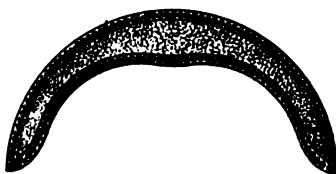
In a machine for rolling hollow bearing-balls, a disk having a grooved periphery and mounted for rotation and a ring having a grooved inner face, said ring held closer to one side of the periphery of said disk than to the other side thereof, together with means whereby the balls may be discharged after they have been rolled around a disk a plurality of times and through such rolling are reduced on their several axes to the desired size and finish.

DESIGN 36,074. HANDLE FOR BUTTONERS.  
MATILDA A. HILL, South Fallsburg, N. Y.



Filed June 22, 1901. Serial No. 65,701.  
DESIGN 36,075. SIDE FRAME FOR CHATELAIN BAGS. LOUIS WOLF, New York, N.

Y. Filed June 4, 1902. Serial No. 110,242.  
Term of patent 7 years.



### EXPIRED PATENTS.

[Reported specially for THE JEWELERS' CIRCULAR—WEEKLY by R. Bishop, Patent Attorney, Washington, D. C., who will furnish complete copies of patents at the rate of 10 cents each.]

Issued Sept. 15, 1885.

326,118. INKSTAND. M. J. HUGHES, Jersey City, N. J.

326,135. EAR-WIRE CATCH FOR EAR-RINGS. S. F. MERRITT, Springfield, Mass.

326,194. SUSPENDERS. C. B. BIRD, Sioux City, Iowa.

326,292. PENDULUM-ESCAPEMENT. WILLIAM HART, Kirksville, Mo.

326,332. BUTTON. CHARLES RITTER, Brooklyn, N. Y.

326,351, 326,352, 326,353, 326,355, 326,356 and 326,357. CLASPS. J. J. UNBEHEND, Syracuse, N. Y.

326,408. COMBINED INKSTAND AND CAL- ENDAR. F. A. WOODMANSEE, Cincinnati, O.

326,477. CATCH FOR JEWELRY-PINS. C. E. CARPENTER, Horseheads, N. Y.

326,493, 326,494 and 326,495. TIME-CHECK SYSTEM AND APPARATUS. J. S. GOLD-SMITH, New York, N. Y.

Designs issued Sept. 11, 1888, for 14 years.

18,608. WATCH-CASE. FRED PARKER, Jersey City, N. J., assignor of one-half to Harry Parker, same place.

Design issued March 14, 1899, for 3½ years.

30,330. MIRROR FRAME. NAJEEB MALLUK, New York, N. Y.

### Belgian-Costa Rican Trade-Mark Convention

UNDER recent date Consul J. C. Caldwell writes from San José:

"The Congress of Costa Rica has approved and the President has signed a trade-mark convention between this republic and Belgium. The trade-marks to which this convention applies are those which legitimately belong to the manufacturers and traders using them. The convention is to be valid for five years, dating from exchange of ratifications; but if neither of the contracting parties shall give notice of its abrogation before expiration of the five years it shall remain in force from year to year until such notice shall be given."



## FANS

After having spent several months in Paris and Vienna making personal selection of designs for this Fall's trade, I am now prepared to show a line of fans for the exclusive jewelry trade the beauty and exquisiteness of which has never been seen in this or any other country. I invite inspection when in New York, or write for particulars.

**LOUIS STEINER,**

IMPORTER,

Successor to Steiner, Davidson & Co.  
520-2 Broadway, NEW YORK.

## SIGNET

RINGS,  
BROOCHES,  
FOBS,  
BRACELETS.



We are  
originators  
of designs.

Reg. \$12.00 per doz.

Our stock of SIGNET GOODS is the most complete. Selection packages to jewelers of mercantile standing.

**L. Witsenhausen**  
37-39 Maiden Lane.  
N.Y.

Factory, 52 Maiden Lane, New York.  
(Chicago, Ill., 1629 Masonic Temple. (L. KATLINSKY.)

### THE WASHBURN

MAGIC NUT FOR EARSTUDS, SCARF PINS, ETC.  
SAFETY CATCH FOR BROOCHES.  
EARWIRES FOR UNPIERCED EARS.  
JOINTED EAR WIRES.  
MAGIC EYE GLASS HOOKS.  
SPECIAL ORDER WORK.  
PEARL DRILLING AND ADJUSTING.

TO  
ADJUST  
Simply  
Push  
the  
Security  
on  
Pin.  
NO  
SCREW.



TO  
REMOVE  
Press  
Thumb  
and  
Finger  
at  
Arrow  
Points.

**SECURITY** FOR SCARF PINS, ETC.  
HOLDS AUTOMATICALLY ON ALL SIZES OF SCARF PINS.  
PLATED, \$1.75 DOZEN. 14K. \$1.25 EACH.  
SAMPLE BY MAIL, 25C.  
C. IRVING WASHBURN, SOLE MANUFACTURER  
12-16 JOHN STREET, NEW YORK.



SET RINGS.

**Hand Carved Ring Mountings**

IN 10 K. AND 14 K. GOLD.

DIAMOND JEWELRY.

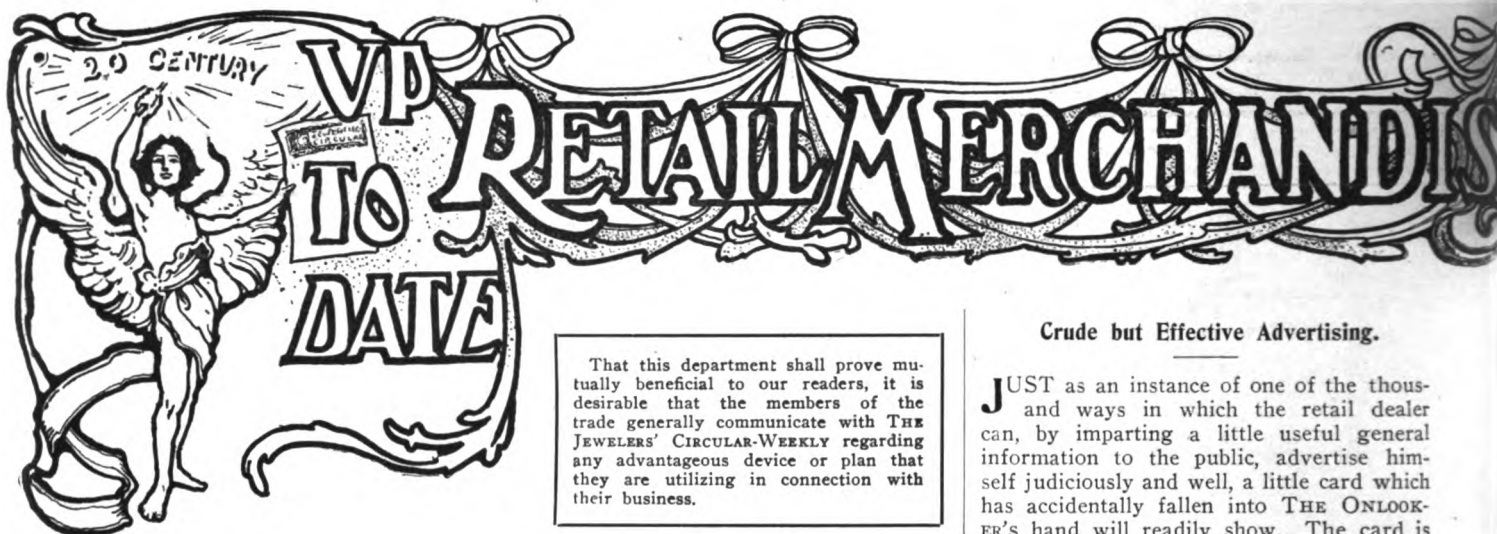
**KLEIN BROS.,**

9-11-13 MAIDEN LANE,

NEW YORK.







That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with **THE JEWELERS' CIRCULAR-WEEKLY** regarding any advantageous device or plan that they are utilizing in connection with their business.

### PRIZE ESSAY COMPETITION, NO. 8.

#### SUBJECT:

**"How to Install a Stationery Department in a Jewelry Store."**

A STATIONERY department in a jewelry store applies very well. As a rule a jeweler does business with the best people in his town, and this class of trade spends a considerable amount of money on stationery. He not only makes new customers, but increases his yearly profits.

A jeweler of any size usually carries a line of gold and silver pens and pencils and fountain pens. To begin, let him set aside a part of his store for this line. He is indeed lucky if he has a wide store so that he can devote one side to each department. Let him procure about two or three show cases, preferably those made entirely of glass, which extend from the floor up. These are to be given precedence because they hold more stock. Then on the side of the wall he can build a light shelving to hold surplus stock, boxes, etc.

Now that he has the place to put the stock the next thing is to buy his stock and to know what to buy. I should advise him to carry as good and up to date a stock as he can secure, as the real cheap "truck" can be found in any little knick-knack store. Let him have a good stock of writing paper and envelopes in all the prevailing shapes and shades.

Then let him acquaint himself with some house which does engraving for the trade. He can get from this house samples of its work, including visiting cards, business cards, letterheads, monograms, crests, seals, etc. He should then procure a nice large picture frame, arrange these samples on a dark mat and place the same in the frame. This can be placed in the side of his window and kept there. A sample book showing the different styles should be readily accessible to customers.

He is now prepared to do engraving for his customers. He can carry a line of writing pads, pencils, erasers, note books, diaries and sundries. Let him keep a complete stock of fountain pens—one line to retail for \$1, and the more expensive ones.

Having secured an up-to-date stock the

next thing to do is to let the purchasing public know it. First let him insert an ad. in his leading newspaper. Then procure some printed announcements and mail these to all the best people in town, telling them that you are prepared to supply them with first class stationery and to do their engraving, or what is better, but would cost more, let him compile a little booklet, called, for example, "Card Etiquette." This should give the rules regulating the leaving of visiting cards and show sizes and styles of lettering. Send these out through the mails and give them away in your store. This department will fill in during the dull months in the jewelry business.

Another method of advertising the line would be to have some cheap pencils stamped with your name on one side and "jeweler and stationer" on the other side. Give these away, as they will be very acceptable and a constant reminder. He can always have on hand a few dollars' worth of postage stamps merely as an accommodation to patrons. People often come in to buy a stamp and that creates another sale. Even if they do not buy they will see what you keep and will probably call on you when they need something in your line.

During the holiday season he can advertise as a suitable Christmas gift a box of fine stationery or a hundred engraved visiting cards. It would be a good idea to carry a line of the best leading magazines and papers. With this stock and fixtures and advertising the jeweler should have a good start to carry on the department.

W. N.

M. G. Stouebink, Sheridan, Ore., has a watch on display in his store that is quite a curiosity and never fails to attract the attention of passersby. It is an English watch and is fitted with an English verge chain movement and was made in 1677. The face has no figures, the time being recorded by the position of the hands.

### Crude but Effective Advertising.

JUST as an instance of one of the thousand ways in which the retail dealer can, by imparting a little useful general information to the public, advertise himself judiciously and well, a little card which has accidentally fallen into **THE ONLOOKER'S** hand will readily show. The card is given out by a jeweler who does business in a limited way on one of the side avenues of New York. The printing is abominable, and so is the paper which is employed, the entire thing bearing unmistakable evidence of having been gotten up cheaply. Nevertheless the matter which the card contains is so pertinent and apt that it atones for other shortcomings.

Addressing his "kind friends and patrons," he goes on and tells them "how to treat their watches." Ungrammatically as this is told, it undoubtedly gives each reader a fund of common sense information, which, if heeded, will greatly improve the condition and lengthen the lives of their watches.

The gist of this is "Wind the watch slowly, avoiding all jerky motions; wind your watch in the morning invariably; wind it at the same time each morning; never forget to wind it, but if you have done so, wind it up immediately, and then resume at the regular time the next morning." He gives good, sensible reasons for this advice in a few brief sentences.

Then he adds: "Never lay your watch down at night; always hang it on a nail, thus avoiding the changing of its position from the vertical, as it is carried by day, to the horizontal. Avoid hanging it so that it will rock to and fro, like a pendulum. See that the wall on which it is suspended is not much colder than the temperature of the room, for a sudden change of the temperature of the atmosphere is what causes most mainsprings to break. Also the oil thickens, is no longer pure, which cannot help producing irregularities. The watch wearer should clean his pocket frequently, to free it from accumulating dust and fibers. Your watch should be cleaned every year and a half at least; once a year is better," for, he adds, "the oil is dried up by this time and becomes mixed with metallic dust, which acts like emery."

Doubtless this card, in spite of its unattractive appearance, brings in considerable trade. For it obeys the fundamental axiom of all good advertising, and imparts desirable and practical information.

But it may be added as another axiom, that if it were presented in attractive form—on good paper and tastefully printed—it would more than repay the difference of cost. Besides it would give this retailer



# ING and HINTS to JEWELERS

prestige and credit for good taste—a good quality if not an essential one for a jeweler. **THE ONLOOKER.**

## An Attractively Arranged Interior.

**A**TTRACTIVELY arranged interiors are always interesting, for upon them and the window display greatly depends the “pulling power” of the establishment.

show case in the center with rounded corners, which displays its contents conspicuously from all points of view, will be readily seen.

## A Repair Price List.

**I**N jewelry stores where two or more salesmen are employed it is almost necessary that there be some arrangement so

redound to the welfare of the store and the proprietor thereof.

If possible it would be a splendid thing if all the retail jewelers in a city could get together and formulate a price list by which they all would be governed. As it is prices are most too low for nearly all kinds of repair work and for jewelry repairs particularly, and by an agreement of the kind indicated above all the jewelers would be benefited. **J. G. K.**



INTERIOR OF F. C. BENNETT & CO.'S STORE

The interior view illustrated herewith was recently submitted by F. C. Bennett & Co., 3 N. Main St., Gloversville, N. Y., and shows a very effective arrangement of stock and fixtures, the latter being solid cherry with a mahogany finish. The illustration includes about two-thirds of the wall cases seen on the left and right. That on the right, which is for the display of cut glass, is made in the shape of a large sideboard and is adorned on the back with French plate mirrors, four feet high. The shelves are also French plate mirrors, which have no little to do with enhancing the beauty of a cut glass display.

The effectiveness of the long continuous

that the charges for repair work be uniform.

This is a question that should be considered by retail jewelers, for it gives a patron a bad impression if two salesmen should, at different times, give a different price for a repair job.

This difficulty may be easily overcome by having a price list which should be consulted by each salesman when in doubt as to a charge.

This price list can easily be compiled from any wholesaler's price list and the individual retailer can add to it whatever he sees fit. This will insure a uniformity of charges for repair work and will greatly

## Phil Osophy's Chatter.

**S**OME advertising is like an empty barrel—it makes lots of noise, but there is nothing in it.

“When you break a dollar, save the pieces,” isn't a bad precept, and judicious advertising isn't a bad cement with which to mend that dollar.

Some advertising is ultra-progressive. A New York dentist, for instance, has a sign which reads: “Teeth extracted while you wait.” Knew this was a progressive age, but was never before consoled with the thought that molars could be pulled without waiting.



## Retail Jewelers' Advertising.

[This department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters full and particular as desirable. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed some weeks. Address all letters and other matters to THE JEWELERS' CIRCULAR PUB. CO., 11 John St., corner Broadway, New York.]

### Advertisements for the Fall Wedding Season.

AS a sequel to the wedding stationery advertisements published in the issue of Sept. 10 there are shown herewith two other advertisements suitable for the

## Wedding Silver

—substantial in weight and beautiful in design.

The Samson imprint on this ware is a guarantee of unquestioned quality.

A splendid assortment from which an appropriate gift can be chosen.

**J. B. SAMSON,**  
322 E. Orange St.

## Cut Glass

For Autumn

### Wedding Gifts.

Possibly there is nothing that affords greater satisfaction to a prospective bride than really fine crystal.

Our stock is large and affords the widest choice at reasonable prices.

**J. B. SAMSON,**  
322 E. Orange St.

Autumnal wedding season and which may suggest some ideas to the advertiser. As is well known, cut glass and silverware constitute a large proportion of wedding gifts,

and consequently should be brought into prominence about this time.

Silverware moves particularly well during the wedding season and the clever buyer can give a patron a good deal for his money in this line.

It is, of course, to be taken for granted that wedding rings will not be forgotten in the advertisements.

## Ever Have A Prescription

you wanted filled?

Did you take it to an apprentice or a drug clerk?

No—you wouldn't risk your health that way—you wanted a registered pharmacist.

It's the same way with

## Your Watch

Don't risk its health with an apprentice of an inexperienced or incompetent workman. Our men know their business and their business is watch repairing. We pay them not only for what they do but also for what they know.

We claim to do not the cheapest but the best work—and that's the cheapest in the long run. No watch made that we can't repair.

## Feldmans'

The two watch advertisements shown on this page were recently received for criticism. B. J. Feldman's Sons, Franklin, Pa., have used the ad. illustrated herewith with good results. It is rather an extraordinary method of advertising jewelry, but is argumentative and convincing. The catch phrase at first suggests a drug store advertisement, but that impression is quickly eradicated by the bold line, "Your Watch," which is a good feature of the ad.,

preserving, as it does, its identity with the jewelry business.

Albert E. Henry, Rockford, Ill., adopts an opposite but none the less effectual method in exploiting his line. The text would seem to inspire the prospective buyer with confidence in the retailer. The contrast in type is good.

### Advertising Axioms.

**K**EEP your advertising running steadily—rather than in spurts.

Keeping steadily at a thing may not bring

## Timely Aid In Selecting Watches and Jewelry

Is sometimes appreciated and my 30 years' experience in the business is always at the disposal of my customers. It's a pleasure to aid you in making a wise choice of a suitable watch for the person or purpose you have in view—or the selection of a gem of an appropriate kind, or a piece of jewelry.

We have the goods to show you in all departments—it's a pleasure to show them.

**AL. E. HENRY,**  
Jeweler.

quick success—but it usually does bring a sure one.

Don't cram a two-inch ad in a one-inch space.

It takes more than an office boy's experience to write good advertising. Better not advertise at all than advertise poorly, for advertising creates an impression, and an impression either attracts or repels.

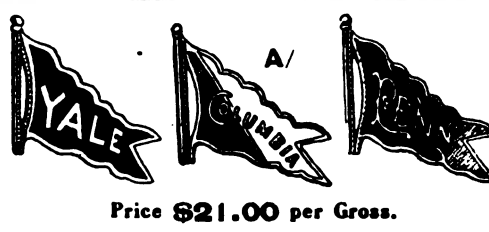
The weakest spot in a pair of pants is at the point where the seams converge. It is the same with the advertisement—the vulnerable point is where the statements are centralized. If a single line of truth breaks at that point all lines will break.

Ex.



**STERLING SILVER COLLEGE FLAG PINS.**

ILLUSTRATIONS ARE ACTUAL SIZE.



YALE SEAL.  
Price, \$54.00 Gross.

OAR HAT PINS. Sterling Silver. Comes in Yale, Harvard, Columbia, Cornell, Penn., Princeton.  
Price, - - - \$54.00 NET Per Gross.

We manufacture a large line of Flags for all the principal Colleges. These Pins are Sterling Silver, and are nicely enameled in the proper colors. We can furnish any of these goods in Stick Pins or Hat Pins. We also make the entire line in plate at very low prices. These goods cannot be equalled for quality and price. Give us a trial order.

Our terms are 6 per cent. 10 days; 5 per cent. 30 days, unless marked net.

**C. H. EDEN CO.,** Manufacturing Jewelers, **Attleboro, Mass.**

**LEATHER FOBS.**

Write for the most complete CHAIN CATALOGUE ever issued.

SEAMLESS WIRE MFG. CO.,  
37 and 39 Maiden Lane, - - NEW YORK.

**CROSELMIRE & ACKOR, PLATINUM**

IN SHEET OR WIRE FOR ALL PURPOSES.  
Platinum Scrap Bought. Special Attention to Jewelers  
Factory & Main Office: 42 Walnut St., Newark, N. J.  
N. Y. Office: Harvard Bldg., 42nd St. & 6th Ave.

**"Practical Course in Adjusting."**

Just Issued. Price \$2.50.  
All Jobbers or Jewelers' Circular Pub. Co.

**Finest hand-chased 14k. and Sterling Pencil Cases, Chain and Nethersele Bracelets, Bead Chains, Collapsible Cigar and Cigarette Holders.**



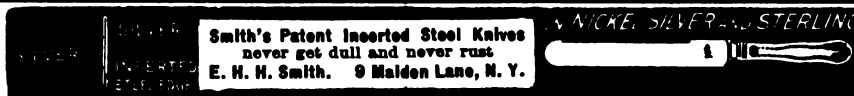
No. 905M.

**FINEST AND CHEAPEST  
PENCIL CASE ON THE MARKET.**

**GEO. W. HEATH & CO.,**

137 ELM STREET,

NEW YORK.



Smith's Patent Inserted Steel Blades  
never get dull and never rust  
E. H. H. Smith. 9 Maiden Lane, N. Y.

NICKEL SILVER AND STERLING

No. 4a.  $\frac{3}{4}$  size

Retail Price  
\$2.50

Made and fully warranted by  
**AIKIN, LAMBERT & CO.,**  
19 Maiden Lane, New York.

Manufacturers and Exporters,  
**GOLD PENS, PENCILS, TOOTHPICKS,  
AND NOVELTIES.**  
General Agents for **PAUL E. WIRT'S FOUNTAIN PENS.**

*Mercantile Fountain Pen*





CONDUCTED BY GEORGE A. ROGERS.

THE PHYSIOLOGICAL  
BRANCH.

**T**HIS new department in the American Association of Opticians has started out with a membership of some 80 opticians, scattered widely throughout the country.

Matriculation to the branch has been, up to the present time, according to a plan laid down in the mid-year report of the Board of Regents last year, and consisted of a thesis by the applicant upon an outline furnished by the board. Undoubtedly this plan will be again modified so that during the latter half of the coming fiscal year, and before the Atlantic City convention, a new list of members may be added. However, in the meantime, it is supposed that the old plan will be followed.

Brother Eberhardt, of Dayton, O., who is the presiding genius of the branch, will probably have something to say to those who desire to join the branch, within a few weeks. While the present method of becoming a member offers no obstacles to those who have literary talents, it may be rather hard for some of the best opticians to qualify. Opticians are not, as a rule, essayists, and to write a thesis on any subject is so far from their line that it can be regarded only with horror.

While one might, by keeping one eye upon a text book and having some one with literary skill supervise their papers, do creditably, to many opticians such a course would appear beneath their dignity or even dishonest. So that it seems desirable that other methods than this one road to membership ought to be provided. Why wouldn't it be well, at the next convention, to have a model fitting room provided and to put applicants to the real test of fitting cases before the board. This is offered as a suggestion.

There is still the further question: what to do with the physiological branch after it is got. Undoubtedly Brother Eberhardt has a plan of procedure up his sleeve to keep it working. This plan will be looked for with interest. It should embrace lines of research calculated to put the branch upon a high plane as a body of scientific men.

**Kentucky Optical Association to Meet  
Oct. 21.**

LEXINGTON, Ky., Sept. 18.—John M. Irmen, secretary of the Kentucky Optical Association, has just issued notice that the semi-annual meeting of the association will

convene at Lexington on Tuesday, Oct. 21.

In the notice W. T. Eisenschmidt, the president, extends hearty invitations to all refracting opticians, whether members or not, to attend the meeting, which will be one of great interest to the opticians of the State. The membership of the organization has remarkably increased since the last meeting, and several new applicants will be admitted at the coming meeting. The invitation sent out does not confine itself to opticians of the State of Kentucky alone, but it is generously universal and invites opticians of any of the other States who may be able to attend.

The place chosen for the meeting is at the corner of Short and Upper Sts., Lexington. The reception committee consists of Messrs. King and Metzger, 63 E. Main St.

**New England Association of Opticians  
Meets in Boston.**

Boston, Sept. 17.—The first meeting this fall of the New England Association of Opticians was held at Young's Hotel, last evening, with 25 members present. President Wells was in the chair and welcomed the members, and outlined the plans for the coming season.

William A. Earle, M.D., of Boston, gave a very interesting and instructive talk on the "Accommodation of the Eye." At the business section of the meeting J. G. Harwood, Bennington, Vt., was elected to an associate membership, and Fred. R. Cutter, Somerville, was elected an active member. There was one application for membership.

**Optical Notes and Briefs.**

S. M. Thomas, for a number of years jeweler and optician at Tabor, Ia., has decided to locate in Mound City, Mo.

Frank B. Alexander, son of Louis Alexander, optician, of the Boroughs of Brooklyn and Manhattan, New York, was married recently to Miss Carrie Simon, daughter of I. Simon, a well-known retired merchant of Manhattan. The couple departed for a western trip immediately after the wedding.

C. W. Crosby, of A. R. Knights & Co., Dubuque, Ia., has been notified that he has successfully passed the examination which admits him to the physiological branch of the National Association of Opticians. About 1,500 opticians took the examination, and only 84 passed and were given certificates.

(Additional Optical News on page 66.)

**Prize Dioptric Quiz.**

**TO** give special zest to the study of optics and of our Optical Department, we began, with the issue of April 2, the publication of a series of 100 problems under the head, "Dioptric Quiz." The questions have been published weekly, five questions each week, for 20 weeks, the last set having appeared Aug. 18. Official answers to the sets of questions were begun in the issue of June 4, page 68. Answers to the 17th set are published in this issue on this page. Readers still have time to forward solutions of the problems following unanswered sets, so as to be received one week prior to the publication of the answers in this paper.

To the subscriber who sends in the best correct solutions of the 100 problems, a substantial and valuable prize (in the form of a modern optical instrument for testing the eyes) will be awarded. Second and third best and other prizes—the entire list having been printed in issue of Aug. 18—will be made to those whose solutions are next in order serially.

**Official Answers to Seventeenth Set of  
Problems.**

**A**CCORDING to the conditions under which THE CIRCULAR-WEEKLY's Prize Dioptric Quiz is being conducted, the publication of answers to the problems that have appeared is continued. The answers to the seventeenth set of questions (published July 23, 1902) follow:

ANSWERS TO SEVENTEENTH SET.

81. From 8 in. to 20 in. posterior to lens.
82. From 13 1/3 in. to infinity posterior.
83. From 4 4/9 to 6 2/3 in. posterior.
84. At 6 2/3 in. posterior.
85. At nearest point 1/3 inch.  
At farthest point 1/2 inch.

**Eye Strain.**

**T**HE symptoms of eye strain, as recently given by a writer in *Popular Science News*, are pain in the temple, pain in the back of the head and neck, red eyelids, and inability to see at a great distance or to read long at a time.

The eyes become tired, and vision blurred; there is strabismus or cast in the eye and a tendency to avoid light. The eyes are partly closed; there are twitchings of the lids, sick headache and dizziness.

Eye strain may cause chorea and other nervous diseases. It brings on neuralgia and headache that medicines fail to cure. Nearly every condition recited above, if brought about by defective vision or an abnormal state of the ocular muscles, can be relieved by glasses.



## PHYSICAL DIOPTRICS.

By Prof. GEORGE A. ROGERS.

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[COMMENCED IN ISSUE OF AUGUST 20, 1902.—PART VI.]

### CHAPTER III.

(Continued.)

#### THE DIOPTER.

It is readily seen from the above, what a *dioptr* is. It is the action or the capacity of a lens in changing the curvature of the waves of light, measured in metrocurvs. The beauty of working dioptrics under this simple rule is also seen, for since the different points of the object are practically at the same distance from the lens—

1. Every succeeding wave from the same point has exactly the same curvature when it reaches the lens, if the lens and object are unchanged in relative position.

2. They therefore are resisted in precisely the same manner by the lens and affected in the same manner and to the same extent by the lens.

3. But every other point of the object provides a similar series of waves which reach the lens with practically the same curvature.

4. They are therefore resisted by the lens in the same manner and affected in the same way and to the same extent.

5. The only difference between series of waves from different points of the object is that they are traveling in slightly different directions.

6. The result of all this is that emergent waves, like incident ones, have the same curvature, and their new centers, wherever located, are practically the same distance from the lens, and one screen will intercept them all if held at the right position.

7. Another result, that greatly simplifies the study of lens action is this: Any one little wave and its changes in passing through the lens represents the action of the lens upon all other waves, and therefore one may study this action with great minuteness and generalize for the other waves and series.

The dioptr, it is seen, is a dynamic unit—a unit of work. It corresponds to the foot pound and other units of energy adopted in physics. Static in value itself it measures action or dynamic values. The lens, prior to the adoption of the dioptr, was measured by its focal length so called. The fault with this system was that it included an evolutionary space—the space between the lens and its principal focus, and it was necessary to modify the definition by making the incident rays parallel or waves plane. It is seen that the focalization of light is the product of two forces: (1) the action of the lens, (2) evolution or propagation beyond the lens. The lens has no real focus. The term focus pertains to light, not to lenses. For every pencil of light there are—taking the action of the lens as a whole—two foci in different positions with reference to the lens. Originally the focus is at a point in the object from which the light emanates. By the action of the lens it assumes some other position. If upon the opposite sides of the lens, the two foci are conjugate—each is focal to the other, for light from one of the points will, after passing through the lens, focus at the other point. There are as many conjugate foci as there are points in the object, for each has its focal point. But any change in the position of the object changes the positions of the conjugate foci.

#### The Unit of Dioptrics.

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#### Blinking.

THE injury done to the eyes by continual blinking was recently pointed out by a writer in the *Popular Science News*. He says:

If you find yourself blinking your eyes rapidly without any cause, stop it at once, or it will grow into an incurable habit that

will make your eyesight fail comparatively early in life.

Natural blinking is necessary to clear and moisten the eye. The average number of natural blinks is about 20 per minute. But a nervous blinker will get in something like a couple of hundred in a minute in bad cases. The result of this is a big development of the eyelid muscles. It be-

If there are a series of objects along the principal axis of our +5 d. lens, each point in each object will have its conjugate point.

#### Conjugate Foci.

We may illustrate this in the accompanying diagram. Let  $L$  be the position of the +5 d. lens. Then if there are points at 8 in., at 10 in., at 13 in., at 20 in., at 40 in., at infinity in front of the lens, each will have a conjugate point beyond the lens. The focal point for the 8 in. point  $A$  is at infinity on either side of the lens; for  $B$ , at 10 in., the conjugate point is at

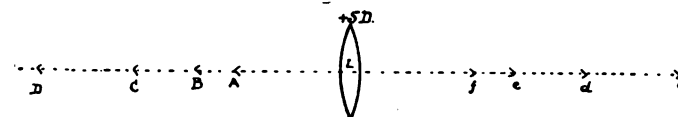


FIG. 11.

40 in.,  $b$ ; for  $C$ , at 13 in. from  $L$ , the conjugate point is at  $c$ , 20 in. from  $L$ ; for  $D$ , 20 in. from  $L$ , the conjugate point is at  $d$ , 13 in. from the lens; for  $E$ , 40 in. from the lens, the conjugate point is at 10 in. or at  $c$ ; for infinity the conjugate point is at 8 in., or at  $f$ . The latter is usually called the *principal focus of the lens*. It is really the focal point of plane waves incident to the lens. These conjugate foci are not changing from one point to another. All exist simultaneously. Neither interferes with the other. All operate at once, and this shows us what a wonderful franchise light has. It goes in both directions at the same time.

#### PROBLEMS.

1. If a candle flame is 20 in. from a +7 d. lens, where will its light focalize? What is the comparative size of image and object?
2. A point of light 10 in. from a lens transmits waves of what curvature to the lens? If the lens is a +9 d., what waves emerge from the lens?
3. Given a point of light  $A$ , what are its waves 5 in. from  $A$ ? 10 in., 16 in.? If at last point they pass through a +7.50 d., how do they emerge? What are they 3 in. farther on? 4 in.? 8 in.? 9 in.? 12 in.?
4. Given a point of light,  $A$ , what are its waves 10 in. from  $A$ ? 20 in.? If at the latter point they pass through a -2 d. lens, what do they become upon emergence? What are they 10 in. farther on?
5. Given waves of -2 c., what are they 15 in. farther on? (2) 18 in.? (3) 20 in.? If a -10 d. lens were placed so as to intercept them at (1), 15 in. from starting point given, what would they become upon emergence?
6. If -3 c. waves are incident at a -8 d. lens, how will they emerge from the lens? Where will their new center of focus be?
7. If a -6 d. lens intercepts c -6 c. waves of light, what do the emergent waves become? What are they 10 in. farther on? 20 in.? 40 in.? 87.2-5 in.? 99.3-8 in.?
8. How can +3 c. waves be made into -5 c. waves? -5 c. into +3 c.? -4 c. into +8 c.? -1 c. into +9 c.? +6.50 c. into plane? plane into -20 c.? by a lens?
9. How would you make -2 c. waves with a +5 d. lens? with a +10 d.? with a plus +6 d.? with a +7 d.? Could you make them with a minus 4 d.?
10. Two points are 92 in. apart, what lens half way between them will make the two points conjugate foci?
11. Two points are 60 in. apart. Can a +3 d. lens make the two points conjugate foci? What lens half way between them will do it?
12. A light in an alcove falls upon a +8.50 d. lens and makes a clear image upon a screen 5 in. from the lens, what is the distance of the alcove light from the lens?

(To be continued.)

sides involves counter irritation, which acts on the optic nerve, and renders the sight daily more weak and irritable.

Once contract this habit, and you will find you cannot bear a strong light or read small type, and the eyes get worse and worse. The cure consists in keeping the eyes shut for at least 10 minutes every hour and bathing the lids in warm water.



## Optical Department.

### Requirements for Professional Practice.

(Continued from issue of Sept. 17.)

IN regard to the arrangement of these three rooms, that is a matter for individual taste. They should be conveniently connected, though the laboratory or "shop" should be more decidedly separated from the reception room than the fitting room from either, except perhaps a counter space, that can be closed, between the shop and the reception room. It is also doubtful whether the dioptrist should not become an optician in adjusting the frames or guards and give that matter his personal attention or supervision. In that case an absolute separation between shop and reception room would be feasible. Next to this arrangement of separate rooms for each feature of the business a stall in the reception room, in which there is a small shelf space and cabinet for supplies would do very well.

#### OPTICAL EQUIPMENT.

We have already designated the fittings for the reception room and laboratory. The equipment of the fitting room remains to be disposed of. These may be considered under the heads of (1) space, (2) charts, (3) lights and lighting, (4) instruments. If the fitting room is over 20 feet in length one end serves as a wall for charts, cards or other means of testing the acuity of vision and making the muscle tests. In a room 13 feet in length the better arrangement is to double a space by the use of a plane mirror from which the charts and cards back of the patient are reflected. I am using such a space myself and find it very satisfactory. The patient's chair is nine feet from the mirror, which may be tilted to the correct angle for a flat reflection, and the charts are two feet back and somewhat above the patient's head when seated, or 11 feet from the mirror. The two spaces of nine feet and 11 feet give, of course, an exact 20-foot test.

As to charts, of course the usual Snellen type, if correctly made (and they are not always so made) answer the purpose for rectilinear distance testing. In addition to these the clock face lines, minus the clock notations, which would be reversed by the mirror, answer all purposes for the superficial tests of astigmatism. Besides these it seems as though certain colored scenery in which appeared, for instance, a village by a sheet of water, a hill, a mountain, trees both in the foreground and background, boatmen, domestic animals, human figures, children on the way to school, a plowman, a group of fowl, flying birds, and many other details, both colored and uncolored, would be a valuable test. It could be made also a fairly good color test by requiring the red, blue, green, yellow and even the tints to be selected.

#### LIGHTS AND LIGHTING.

Those who make their tests by daylight do so under changing conditions. There are not only dark and light days, but darker and lighter hours of the day, varying the illumination constantly. For this reason artificial lighting, which may be made of a uniform intensity for all hours of the day and for all kinds of days, is deemed to be

much preferable. To get the desired effect the walls and ceiling of the fitting room should be a deep blue black or brown, and the window or windows provided with heavy screens. It is unnecessary usually to have any general light in the room, as the special lights answer this purpose also. Of these special lights there should be lights for the following purposes: (1) card illumination by a shower of lights, above if possible, (2) skiascopic light for shadow testing, a bracket movable light of one form or another, (3) a muscle testing light, small, round light at 20 feet preferable, (4) an overhead light, above the patient's chair, for testing the patient's near vision, besides (5) lights for such instruments as require them.

To the country practitioner these requirements may be met in the best manner possible. As many of the smaller towns even have electric light, but run only during the evening, if they also have gas, the latter is preferable. Electric light is chiefly better, because it can be made to meet a special purpose better. If the fitting room is one in which a plane reflecting mirror to display the cards is used, the shower lights for the test cards can be tilted so as to provide an elegant reading light. The skiascopic light can also be so placed as to answer quite as well the purpose of a muscle testing light. These lights being just behind the patient are always within reach of the operator's hand. For this and other reasons the writer finds such a space decidedly preferable to a 20-ft. space, and would use the same arrangement if he had a convention hall to practice in.

#### OPTICAL OUTFIT.

As to the trial case, this is an investment that, with careful handling, need not be changed in 10 years, except slight alterations, additions and repairs. It pays to have a good and complete case. Economy in a trial set of lenses is profligacy in business usually. The one thing that will have to be most frequently repaired and replaced are the trial frames. There is a chance for someone to make a fortune in getting up something that will wear, that is not complicated, that will take all the most needed measurements and stay accurate in this respect, and will not be a burden to the patient for frame measurements.

Instruments have been gotten up for phorometry that seem to be the right kind or to have the right idea. By these the weight is taken from the nose; they can be swung into position, elevated or lowered, adjusted to the face and swung back out of the way very readily. The trouble with them is that one has to pay too much for what he don't want, to get something he does want. What is needed is some such mechanism that may be attached to the chair or adjacent wall, that can be accurately adjusted to the patient in the chair, measuring the pupillary distance, elevation of crest, distance forward or back, angle of crest, base width, temple width, length of temple, etc., quickly and with no extra flagree to it making it cost seven times what it ought to. This is thrown out as a suggestion.

#### THE TRIAL CASE.

An abbreviated case answers very well in an emergency, but looks and is an unprofessional case for anyone who pretends

to be professional. It should contain 35 pairs of plus and minus spheres, 24 pairs of plus and minus cylinders, 20 prisms, the lower ones in pairs, at least four pairs of plano-bifocals of + 1.00 D., + 1.50 D., + 2 D., and + 2.50 D.; a pair of 1/6 D. neutralizing lenses for six meter space, two opaque discs, two spinhole discs, two stenopaic discs, one adjustable; two Maddox rods, one multiple and colored; one red glass disc, one deep blue or green disc, one double prism, one cone muscle test, six smoked glasses, and the cobalt test. Besides these the most convenient adjuncts are one set of steel frames (12) for measurements, one set of steel guards or eye-glass frames, and tray of compound lenses of the most usual compounds, round, so that any position of the principal meridians can be obtained by rotation. Starting with a + .50 C. + .50, the most convenient are the relatively low compounds. They may, if two dozen are used, be about as follows:

+ .50 S. C. + .50 C.	— .50 S. C. — .50 C.
+ .50 S. C. + .25 C.	— .50 S. C. — .25 C.
+ .25 S. C. + .50 C.	— .25 S. C. — .50 C.
+ .25 S. C. + .25 C.	— .25 S. C. — .25 C.
+ .75 S. C. + .25 C.	— .75 S. C. — .25 C.
+ .75 S. C. + .50 C.	— .75 S. C. — .50 C.
+ .75 S. C. + .75 C.	— .75 S. C. — .75 C.
+ .25 S. C. + .75 C.	— .25 S. C. — .75 C.
+ .50 S. C. + .75 C.	— .50 S. C. — .75 C.
+ .25 S. C. + 1.00 C.	— .25 S. C. — 1.00 C.
+ .50 S. C. + 1.00 C.	— .50 S. C. — 1.00 C.
+ .75 S. C. + 1.00 C.	— .75 S. C. — 1.00 C.

If trial case lenses as well as the above are in spun instead of jointed rooms, a one cell and light trial frame will hold two lenses and therefore the correction, or very near it, for distance and a plano-bifocal can be placed together, giving the patient very nearly his exact bifocal correction in very nearly the exact position he would wear them, or his exact distance correction as found by test in such position. This is an advantage possessed by the spun rim trial case lens that should not be overlooked.

#### FOR SKIASCOPY.

Aside from instruments of expensive make a plane and a concave retinoscope should be a part of the equipment. The plane retinoscope measures low degrees of astigmatism better than the concave, but the concave will measure above 1 D. of astigmatism better than the plane. This is due to the fact that the light can be made to be at one point of reversal or focus while the eye is at the other, and the banded appearance be brought out most distinctly.

With the plane mirror the eye at the nearer focus admits of the light being at the more remote, showing a rectilinear edge to the reflex and shadow.

With the concave mirror, since the "source of light" is at the focus of the mirror forward of the observing eye, the eye at the more remote focus, admits of the source of light being at the nearer focus of the eye examined and this gives a rectilinear edge to the reflex and shadow.

With the plane mirror and the observing eye at one meter it is evident that in order to have the light, which is more distant from the observed eye than the observer, at the remote focus, less than one diopter of astigmatism is necessary. But with the concave mirror by bringing the light nearer



## Optical Department.

to the mirror the source of light or focus of the mirror is advanced toward the observed eye and it may be placed at any desired distance from its principal focus toward the observed eye, bringing out the rectilinear shadow for any degree of astigmatism above 1 D. G. H. R.

(To be continued.)

## Advertising—What Is It.

*Paper read by William E. Huston before the Convention of the American Association of Opticians, held at Boston, August, 1902.*

Shall the optician, the optician, the ophthalmologist, the refractionist—the one who seeks to make of optometry a profession—shall he advertise? He does, unconsciously, if not knowingly, but I speak now of type and printers' ink advertising—more particularly newspaper publicity.

Advertising is a very much abused and very much misunderstood word. Leading authorities define it as the act of instructing or giving intelligence. This is what advertising should be—it is what good advertising is—always. Optical advertising, above all other, should be of an educational and instructive nature. Yet the varied definitions one hears among opticians, and not only among ourselves but among all classes of mercantile and professional men—and the sort of publicity of many who consider themselves extensive advertisers—would only tend to increase the somewhat prevalent opinion that advertising as the word is generally defined, is nothing but the weapon of the fakir. In the main the prosperous days of the fakir are past; past, because fake advertising has ceased to be useful, and it has ceased to be efficient because the people have reached that degree of intelligence where they easily discriminate between the sincere and the insincere—the genuine and the spurious.

There certainly is no valid reason why the legitimate optician should not employ the aid of type and printers' ink to tell what he can do and how he does it, and incidentally instruct hundreds upon the eye and its defects, when he can reach but one or two by word of mouth.

The Rev. Henry Ward Beecher spoke these words from his pulpit: "What are the newspapers for if not to circulate information? What more valuable information can a newspaper give than to tell a sick man where he can be cured? If a man has devoted his life and labor to the study of a special class of diseases, the necessity of his saying so becomes all the more pressing. His duty to advertise becomes imperative. The remedy for the lying advertisement of quacks is for the honest men to tell the truth. A really able man, whatever may be his gifts, makes a great mistake if he fails to use those gifts through want of advertising." So I say with Beecher—in newspaper advertising you meet the fakir upon his own ground with like weapons. Only, let your weapon, your words ring true; be consistent and persistent—bear in mind always that advertising is to teach, to instruct—and the fakir will in time take to the woods, leaving you as victorious as were the knights of old, in combat with the coward and poltroon.

As the title of optician has been brought somewhat into disrepute because of the fakir and fake methods, so advertising has suffered in like manner because of like conditions. Yet few honest and sincere men will condemn the followers of optometry because of disreputable members. The just man does not rail against the churches or Christianity because among the disciples are hypocrites who pray on Sunday and cheat on Monday. In the medical profession are many noble, sincere and honest men, and we opticians who have come in contact with the "small fry" among the followers of Aesculapius, should not judge of this great body because a few members prefer to lobby in legislative halls rather than devote their time and talents towards the scientific alleviation of the ailing and benefiting humanity.

So advertising has suffered in the estimation of many because the exact meaning of the term is so generally misunderstood.

In a recent issue of a well known medical journal I read: "It ought to be humiliating to every conscientious physician when he realizes that the general public has received its medical education,

such as it is, almost exclusively at the hands of the worst class of quacks and charlatans, and through voluminously published and certificate-bolstered literature of the millionaire patent medicine vendors." This writer is but one of many. There is a growing tendency among the more intelligent and honest medical men to break away from this ancient, ethical "bug-a-boo." It has been brought about, too, by the public demand for more information and less secrecy. Yet it is to be regretted that medical men who take to advertising are the ones who have created an antipathy among the professions generally to any form of type and printers' ink publicity. Take our friends, the oculists—having always been associated with a body of men who virtually ostracize any member who dares tell what he can do by means of printed words, he has gradually imbibed the erroneous idea that advertising is all fakeism—that the bigger the lie, the better the business. So he immediately puts his mistaken ideas into practice and proceeds upon this theory.

If the M. D.'s really and disinterestedly believe themselves to be the only ones qualified to properly adjust glasses, they should seek in their advertising to educate the people on this point—to dissuade them from trusting their eyes to opticians rather than simply heap abuse upon the optician or jeweler, who is just as sincere in his belief that he can adjust glasses as properly as our medical friends. This is a duty they owe the public. They should endeavor to give valid reasons why the medical doctor is better qualified to refract eyes than is the skilled refractionist. This applies as well to some of our exclusive opticians who are continually questioning the ability of competitors who may conduct an optical department in connection with their jewelry stock.

The jeweler-optician may be a graduate of the same optical school as is our exclusive refractionist, yet this doesn't prevent the latter from warning the dear people not to trust their eyes to "the jeweler." We all have our individual ideas as to where and in whose hands the practice of optometry should be, but abuse will not put it there. Such talk of opticians, in store or office, or advertisement, only evinces a spirit of selfishness, shows lack of business acumen and judgment, and aids our medical friends in their efforts to cast odium upon the optical fraternity in general. The legitimate optician who has in view the ultimate welfare of the optical profession and the improvement of his own condition and standing, should advertise with this object in view, as well as his own immediate individual prosperity.

Proper and judicious optical advertising will greatly aid in placing the profession of optometry where it belongs, side by side with its kindred profession, dentistry. This, by creating interest upon the subject and instructing the people upon the wonders, ailments and alleviation of the ills of this most marvellous organ, the human eye. I believe the best optical advertisement I ever saw was a sermon of the late Dr. Talmage. Dr. Talmage was the best advertised and the best advertising man who ever appeared before the public. In this sermon are many hints for the optician; among the gems is this: "The imperial organ of the human system is the eye. All up and down the Bible God honors it, extols, illustrates or arraigns it. Five hundred and thirty-four times it is mentioned in the Bible.

"We wander through the earth trying to see wonderful sights, but the most wonderful sight we ever see is not so wonderful as the instruments through which we see. It has been a strange thing to me, for 40 years, that some scientist with enough eloquence and magnetism, did not go through the country with illustrated lectures on canvas 30 feet square, to startle and thrill. We want the eye taken from its technicalities, and some one who shall lay aside all talk about the pterygomaxillary fissures and the sclerotics, and in common parlance which you and I and everybody can understand present the subject. We have learned men who have been telling us what our origin is and what we were. Oh, if some one should come forth from the university and take the platform and asking the help of the Creator demonstrate the wonders of what we are!"

Optical advertising can accomplish much for the profession in general and more for the individual in particular. Your advertising will be but a drop in the general education upon the eye and its needs, but it will constitute a mighty force in making of you a better optician and a credit to the profession. It will spur you on to greater endeavors on the public's behalf as well as your own. No decay, no dry-rot, no stagnation, in the practice of the successful advertiser, for he must needs supply his mind with a full and generous diet of

all sorts of literature pertaining to his profession and the science of advertising. A little feeding will not suffice, for the shots that follow will come from an exhausted mind—he must be a teacher in the best sense of that term.

I hold it is no less a professional than a moral duty for every optician to actively join in the growing movement which has for its object the universal dissemination of the everywhere ignored and poorly comprehended laws of health and preservation. We must practically realize that humanity has as much claim upon us for knowledge that will warn of danger, as for skilfully combined prescriptions in the presence of actual defect or disease.

Every optist who has in view the welfare and the elevation of the optical profession should seek by all possible means, to instruct the public upon the eye, its defects and means of correction and elimination. Let us not be compelled, in future years, to look back with regret, as does this medical writer, but let us rather seek to instruct the public by word of mouth, by type and printers' ink, by our actions and our work—all a system of advertising—so that future generations will rise in their perfect vision and bless the followers of optometry.

Dr. L. Webster Fox, a prominent Philadelphia eye specialist and professor of ophthalmology in the Medico-Chirurgical College, is publishing "A Text Book on the Diseases of the Eye." It is announced as a work practically for the use of students of ophthalmology, but is also useful to the optician.

## WARNER & SWASEY UNIVERSAL PRISM FIELD GLASSES



We guarantee each glass to be of the HIGHEST quality, both optically and mechanically.

The WARNER & SWASEY CO.,  
CLEVELAND, OHIO.

## DR. KNOWLES' PRIVATE COURSE IN Optometry.

SPECIAL RATES IN THE  
CORRESPONDENCE DEPARTMENT.

"EYE DEFECTS,"

New Book, in cloth, Price, \$1.00.

For terms and important particulars, write to  
R. H. KNOWLES, M. D.,  
541 Fulton St., Brooklyn, N. Y.



## MIGHTY MEN O' THE HAMMER.



The services of the two best-known auctioneers at the cost of one.

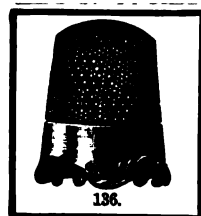
Mr. Dodd was an associate of the late P. J. Burroughs for 12 years in all his large sales, and at his death we filled all of his engagements. Our services have been in demand all Summer. One success has followed another. The work speaks for itself as follows:

The Hight & Fairfield Co., Butte, Mont., March.  
C. D. White & Co., Minneapolis, Minn., April.  
L. G. Call, Waynesburgh, Pa., May.  
The Max Rollins Stock, Youngstown, O., May.  
P. L. Lowenthal, Bradford, Pa., June.  
Y. S. Baird, Watertown, N. Y., July.  
A. M. Marwede, Alpena, Mich., August.  
Mrs. Sarah Dickinson Wood, Niagara Falls, N. Y., August.  
R. D. Worrell, Mexico, Mo., September.

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of more than 500 jewelry sales made in our 20 years' experience.  
As to ability the trade will testify any and everywhere.

**BRIGGS & DODD,** 45 and 47 Plymouth Place, CHICAGO, ILL.



**KETCHAM & McDOUGALL,**

Manufacturers.

**Gold and Silver Thimbles,**

AUTOMATIC EYE-GLASS HOLDERS,

37-39 Maiden Lane, N. Y.

Send for  
Catalogue.

Established  
1832.



**T. B. HAGSTOZ CO.,**  
LIMITED.

SWEEPS AND BULLION

**SMELTERS, REFINERS, ASSAYERS.**

BUYERS OF

**Scrap GOLD, SILVER and PLATINUM**  
FROM THE TRADE ONLY.

OFFICE,  
709 SANSON ST., PHILADELPHIA, PA.

LABORATORY AND FURNACES,  
RIVERSIDE, BURLINGTON CO., N. J.

**100,000** American Watches have  
**ABBOTT'S PATENT**  
**STEM-WINDING ATTACHMENT**  
A few more **KEY-WINDERS** are  
still in use. Send them to us for  
alteration and **MAKE A FEW**  
**DOLLARS FOR YOURSELF.**  
**HENRY ABBOTT, 9 Maiden Lane, New York.**

**Horological Department,**  
**ROADLEY POLYTECHNIC INSTITUTE,**  
Formerly Parsons Horological Institute,  
PEORIA, ILLINOIS.  
Largest and Best Watch School in America.  
We teach Watch Work, Jewelry, Engraving, Clock Work, Op-  
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erate rates. Send for Catalogue of Information.

**EMILE GEISER,**  
Manufacturer of  
**FINE WATCH SPRINGS.**  
La Chaux-de-Fonds, SWITZERLAND  
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Specialty of mainsprings for chronometers and  
watches of precision.  
Free and reverse-movement mainsprings. Spec-  
ialty of springs with bridges and American style  
springs. Mainsprings with concentric expansion.

**GEO. P. GAYDOUL,**  
**Gold Pen Manufacturer,**  
**17 JOHN STREET, NEW YORK.**

Gold Pens Repaired, Repointed and  
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**THE CROWN PATENT SAFETY GUARD.**



For Scarf Pins, Studs and Lace  
Pins. The most practical and only adjustable one  
invented. Price \$1.50 per doz. For sale by all  
wholesale jewelers and material houses. Sample by  
mail, 25c.; in 10k. gold, 75c.; 14k., 90c. **M. CROHN,**  
Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

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We carry a full line of everything you need, and fill orders with a promptness and accuracy unequalled by any other house, and at prices as low as is consistent with quality of goods offered. ♡ We manufacture emblems, pins, etc., and repair jewelry and watches for the trade at minimum prices. ♡ Give us a trial order to-day.

MAIN SPRINGS,  
TOOLS OF  
EVERY SORT.

**L. C. REISNER & CO.,**

Manufacturing Jobbers, Importers and Exporters.  
Watchmaker's Tools, Material and Supplies.

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PHILADELPHIA, PA.

Lancaster, Pa.

JEWELS AND  
STAFFS, FINDINGS  
AND SUNDRIES.





### A Family Clock.

(Continued from page 88, issue of Sept. 10.)

**T**HE distinguishing features of "the family clock" having been explained in a previous issue of this paper, there remains to be said only a few words on the manner of adding a movement to it.

**Casing of the movement.**—From the stock of second-hand movements which have been taken in exchange by the sale

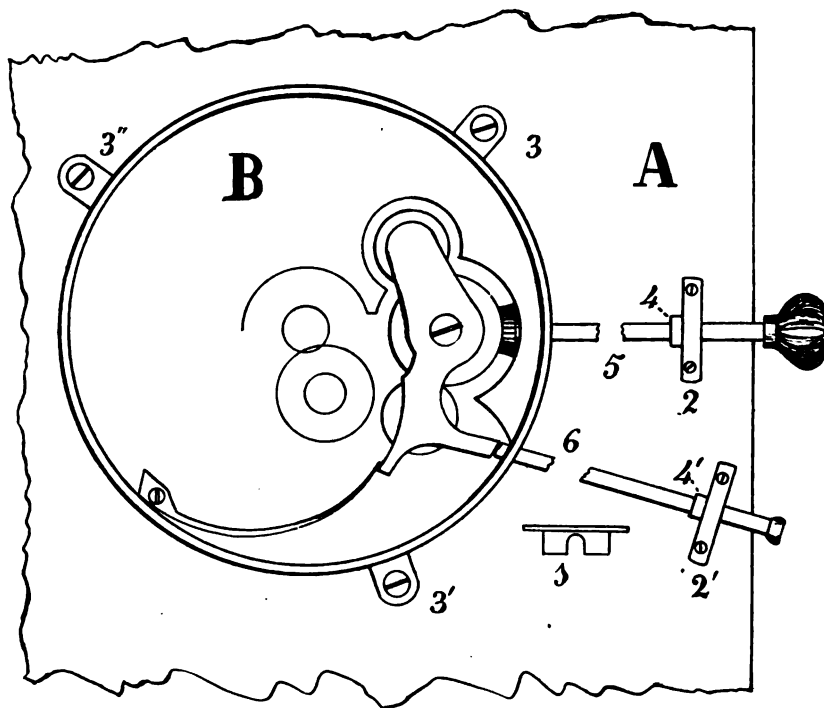
when it is fastened to the picture. The bottom of the box (the other glass) must be entirely removed and when the movement is fitted in the box its edge must be on a level with the dial of the movement. On top of the old dial a small dial suitable for the clock can be fastened with shellac, taking care, of course, that both center holes correspond to each other. Both dials together are of such a thickness that the cannon pinion and hour wheel project

large picture would not be liable to warp so easily as would, for instance, a piece of zinc. The board is of about 8 millimeters or more in thickness, and its width and length depends of course on the size of the photograph. When this is laid upon the board the latter should extend far enough on its four sides to provide a support for a matting which is to cover and set off the photograph. Neither the matting nor the frame were shown in the illustration published in the issue of Sept. 10.

The board, which is partly represented in *A*, should be smooth on at least one side, so as to be able to trace on it with a needle or a sharp pointed pencil the several parts which must be cut out. When the picture is laid upon the board, the center of the clock is pointed out upon the picture and the board by pricking a pin or needle through the center of the dial of the tower clock. Then with a pair of dividers draw upon the board the circle of a diameter equal to that of the outside diameter of the movement box, and another circle of a diameter equal to that of the dial of the clock upon the picture. Cut out both circles sharply and then place the movement box in the board in such a manner that the direction of the winding stem 5 points to the right. Mark the place for the brackets 3, 3' and 3", which should be sunk into the board as deep as is necessary to make the great dial of the movement level with that board; then trace two straight lines which indicate the channels for the stem 5 and the push pin 6, for the hand setting. Cut the channels so as to allow free play to the stem and push pin.

The stem, which is made of steel wire, must be of sufficient length to allow the crown to project outside the frame of the picture, so that it will be unnecessary to remove the picture from the wall when the clock needs to be wound. The stem has only a winding square at one end, which ought to be hardened and tempered; a brass ring, 4, which is soldered upon it, and a crown. The ring 4, in combination with the stop 2, is to prevent the stem from falling out. The stop 2 is a piece of metal bent in a straight angle 2, of which 1 gives a front view. It is fashioned with flat headed screws in the board in front of the ring 2 of the stem, and an opening is made in it through which the stem passes. The push pin 6 for the hand setting must also be of a sufficient length to be easily reached; it is fastened by 4' and 2' in the same manner as the stem.

The reason why the crown should be to the right of the picture is (1) because the



MECHANISM OF "FAMILY CLOCK."

of new watches, and of which every watch-maker generally keeps a large assortment, select a suitable one. For "the family clock" a Swiss movement which fitted exactly in an 18 size nicked brass box in which the better quality of American watches are packed and sold, was selected. It fitted exactly in one of those strong boxes, which have a crystal on both sides—cover and bottom. Its cover is a screw bezel.

The boxes are constructed so as to have the movement placed in it with the dial face up, i. e., with the dial facing the cover side; but this must be changed so as to have the movement placed in it upside down in order to be able to properly inspect the movement and to adjust it

through the center hole just enough to allow small hands to be fitted to them. If they should be too thick, the hands could be provided with bushings, or the pipe of the hour wheel and the loose center arbor could be made longer; or instead of using the old dial a piece of sheet iron, or any other thin piece of metal, larger than the movement and its box, might be taken.

This can be easily fastened in a board *A*, or with screws at 3, 3' or 3". After the movement *B* is properly fitted in the box, upside down, it is removed and brass brackets, 3, 3', 3'', with which to fasten the box, are soldered to it.

In order to fasten the box and movement the best and most suitable material is a piece of board, which when used in the



winding is most easily done there, and (2) because the arrangement of the push pin is then such that its gravity keeps it away from the yoke, which would not be the case if the winding were to be done at the top or at the left side of the picture. This would be liable to cause the yoke to connect with the hand setting wheels when such connection is not wanted.

Everything being thus prepared, the picture is fastened upon the board by a few tags. The cardboard of the picture, of about the same thickness as the small enamel dial, which, as was explained above, protrudes above the board *A*, will peep through the cut paper dial of the clock and will then be level with the picture. In order to make it appear clear and more presentable a small silver bezel can be made, which must cover the edge of the cutting, which has been done in the picture. The bezel may be gilded brass or any other color. It can be glued upon the picture. It will be understood that the screws used to fasten the brackets, 3, 3', 3", and the stops 2, 2', should be flat headed and should not protrude above the board.

A matting about 2 or more millimeters in thickness is laid upon the picture and upon this matting the glass is placed. The matting both adds to the beauty of the picture and also gives room to the hands, which otherwise would be flattened by the glass and consequently unable to move. The board is beveled on its four sides in the back and fastened in the frame with a few nails. The clock is then ready to be hung up. W. J.

### The Measurement of Time.

(MILTON UPDEGRAFF, U. S. Naval Observatory, in *The Horological Journal*.)

IN the period of the earth's rotation on its axis, called the sidereal day, Nature has provided a convenient, easily determined and, for present purposes, practically invariable unit of time. For the subdivision of the day into the arbitrary units of time called hours, minutes and seconds, recourse is had to artificial mechanical devices known as clocks.

It may perhaps be stated in general, without serious danger of dispute, that the pendulum clock is the most accurate and reliable of all types of timekeeping mechanism. Chronometers have the advantage of portability and often run remarkably well for considerable periods of time, but they cannot compete with the pendulum clock in carrying an even rate during a series of months or years.

Yet a still higher degree of accuracy than that now prevalent in the performance of astronomical clocks is attainable, and is necessary in the present state of astronomy. There seems to be no reason why improvements in timekeeping should not take place along with the general progress in other directions, where scientific results depend on the perfection of mechanical appliances. The sidereal clock is one of the main features of an astronomical observatory, and if it is to continue to be used to measure the angular distance in right ascension between the fixed stars, greater uniformity in its rate than is now usual must be secured.

It is also important in time service work to have clocks which will carry time with greater accuracy during long intervals of cloudy weather when observations of the stars cannot be made. The development of the pendulum clock dates from the time of Huyghens, the celebrated Dutch astronomer, who, in 1656, published his theory of the pendulum. From that time until the present the perfecting of the pendulum clock has received the attention of the best mechanical artists in Europe and America. Important improvements in clock making were made early in the eighteenth century, when the mercurial compensation and dead-beat escapement were invented by Graham of England. The gridiron pendulum, previously suggested by Graham, was soon after constructed by an Englishman named Harrison.

Excellent practical work was done a century later by a German named Kessels, of Altona, who improved the dead-beat escapement by modifying the form of the "anchor." The mechanical work of Kessels is remarkably fine. He made a clock for the observatory at Pulcowa in Russia, and another for the celebrated astronomer, Bessel, at Königsberg. Bessel investigated the running of the clock with his usual thoroughness, and was much pleased with it. He writes of Kessels as "der kenntnissreiche und vorsichtige Künstler." Kessels also made a clock for the Naval Observatory in Washington, which, after running for half a century, is in perfect condition and is still giving good service.

Later Tiede, of Berlin, and Hohwu, of Amsterdam, attained great success in making astronomical clocks, and there are now two or three English and American makers who are doing work of great merit.

The Denison gravity escapement, which has recently come into use, is supposed to be an improvement on the dead-beat escapement, because any small irregularity in the action of the train of wheels should theoretically have little or no effect on the pendulum. It should, for this reason, be better adapted for use in clocks provided with an electric contact, worked, as is usually the case, by a toothed wheel on the seconds arbor for transmitting signals for record on the chronograph. This is an important practical advantage, and to more certainly secure it, American clocks are usually made strong and heavy and are run with heavy weights. The relative merits as timekeepers of the best American and German clocks is an interesting subject for investigation.

Within the last ten years a clock by Riefler, of Munich, having certain novel features, has come into notice. In the Riefler clock the pendulum rod is a tube filled with mercury by which the compensation is effected. The pendulum is perfectly free, except that it receives its impulse from the spring by which it is suspended. The Riefler clocks have given good results, and one of them has been adopted as the standard clock of the Pulcowa Observatory at Odessa in Russia.

Various devices have been used with success at Greenwich, Pulcowa and elsewhere for compensating clocks for variations of barometric pressure. A newly discovered alloy of 36 per cent. nickel with 64 per cent. steel, which has a remarkably small

coefficient of expansion, makes it possible to compensate clocks more perfectly for changes of temperature.

The astronomical clock is a simple piece of mechanism, and the perfection of design, excellence of workmanship and the efficiency of the various contrivances for compensating for variations of temperature and barometric pressure seem to have been developed to a point beyond which no great advance is to be expected along present lines. Even if the effect of change of temperature and air pressure on the pendulum could be perfectly eliminated by compensation, we should still have their effects on the clock train as well as the harmful influence of dust and moisture, unless the clock case affords protection from the latter.

The most obvious chance for future progress seems to lie in securing the greatest possible uniformity of conditions. With a clock securely mounted, enclosed in an air-tight case and kept at an invariable temperature and barometric pressure, the only conceivable cause for variations in its rate would be perhaps the imperfections in the mechanism of the clock itself. It is necessary for obvious reason that the sides of the air-tight case should be rigid. A constant pressure cannot be maintained without constant temperature, as may be seen from the well known formula connecting the pressure volume and temperature of a body of gas,

$$p v = k t,$$

in which, for our present purpose,  $v$  may be regarded as constant. We may therefore write,

$$p = k' t.$$

In an air-tight case filled with air the change of pressure due to a change of temperature of 1 degree Centigrade is between 2 and 3 millimeters for pressure of 650 to 750 millimeters.

(To be continued.)

### A Miniature Alarm Clock.

A WESTERN jeweler has about perfected a novel scheme in the way of an up-to-date alarm clock which is no longer than the ordinary hazelnut, says a Wisconsin journal. He has worked on the idea for a long time, and promises to revolutionize the present alarm systems. There are watches on the market now that are worn on the wrist, and they are quite popular among army officers who have been assigned to field duty. The young man obtained his idea from that. He decided to make one still smaller, one that could be worn on the finger. Of course, a tiny piece of mechanism that size could not contain an alarm bell, but he made up his mind to have an alarm of some kind, which was to be the feature of the timepiece.

He studied upon this point and at last hit upon the idea of substituting a sharp pin instead of the bell. How it could be done was the next question, but after several experiments a way was obtained. All that is necessary for a sleeper now is to fasten the ring on his finger, set the alarm and at the appointed hour the small needle will penetrate the flesh sufficiently to awaken the wearer. The scheme has been successfully tried.



# A Few Points of Excellence

in Harrison's Umbrellas, which have been gained by over 25 years of careful study of all the details so essential in making an umbrella adapted to the wants of the Jewelry trade, are:

**Exclusive Designs in Handles.**

**Quality and Durability of Silks.**

**Perfection of Finish and Stability of Handles.**

**Only Best Tempered English Frames Used.**

**Compactness in Roll of Umbrella.**

**Beauty and Strength of Construction.**

**HOLIDAY LINE COMPLETE, LARGEST AND FINEST EVER PRODUCED.**

*Harrison's line of Gold Head Ebony Walking Sticks have stood the test for more than a quarter of a century. They comprise all the Standard Shapes and are made of twenty-year 14k. Filled Gold, twenty-year 14k. Filled Gold with 14k. Solid Gold tops, ends and name plates. Also entire heads of 14k. Solid Gold.*



## W. W. HARRISON,

Manufacturer of Umbrellas and Walking Sticks for the Jewelry Trade,

**405 Broadway, New York.**

HARRISON is the only Umbrella and Walking Stick Manufacturer in the United States not selling to the Dry Goods and Department Stores.

The  
**"Big Four"**  
*A Railroad*  
**Of the People**  
*Operated*  
**For the People**  
*And Recognized*  
**By the People**

As the standard passenger line of the Central States.

2,500 miles of railway in

**Ohio-Indiana-Illinois  
 Kentucky and Michigan**  
 Through Sleepers between

**New York** { *And* { **Cincinnati**  
**Boston** { **Chicago**  
**Washington** { **St. Louis**  
*Finest Day Coaches Ever Built.*

*Write for folders.*

**Warren J. Lynch, W. P. Deppe,**  
 Gen. Pass. & Tkt. Agt. Asst. Gen. P. & T. A.  
 CINCINNATI, OHIO.

ESTABLISHED  
 1879.

FOR THE  
 JEWELRY TRADE.

*Louis W. Hraba,*

*Manufacturer of*

## Artistic Leather Goods,

*29 East 19th Street,*

*New York.*

## SCHWITTER & KENNEDY,

Sweep Smelters and Assayers,

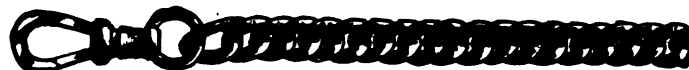
**25 JOHN STREET, NEW YORK.**

Telephone, 904 Cortlandt.

Works: 28-32 Cumberland St., BROOKLYN, N. Y.

**WM. SMITH & CO.,** GILL BLDG., 9-13 MAIDEN LANE, N.Y.  
 61 PECK ST., PROVIDENCE, R. I.

ESTABLISHED  
 1854.



MANUFACTURERS  
 OF

## Gold, Silver and Rolled Plate Chains and Jewelry.

Novelties in Gold and Silver Bracelets. Also a large line of Chain Trimmings.

## CRUCIBLES

Jewelers' Supplies,  
 Etc.

Established 1880.

**J. & H. BERGE,**

95 John Street,  
 NEW YORK





## Workshop Notes and Queries.

[Answers are solicited from our readers to the questions published weekly on this page.]

**QUESTION No. 243.—Overbanking of Cylinder.**—*What is the reason that a cylinder gets overbanked and how can it be remedied?* P. P.

**ANSWER:**—Overbanking happens because the banking pin in the balance is not in the right place, or it may be too short and does not strike the stud. See that when the balance is in beat and at rest the banking pin in the balance be exactly opposite the banking stud, generally placed in the cock. The exact location of the banking pin is very important, because the balance must not vibrate more than one turn, or what is the same thing, half a turn each way from the point of rest. If the vibrations are greater than that there may be overbanking and cutting against the banking stud, which will always prevent the watch from keeping time. The escapement of the cylinder is generally not very well understood in our country and it requires therefore attention to make things right, when faults are discovered in it. Hence further explanation may not be out of place. When the tooth drops on to the cylinder the balance continues its vibration and returns before the banking pin has struck the stud. This latter is to prevent the balance from going too far, in case the vibrations are increased by other than mechanical causes, such as jerks, walking motions, etc. If, therefore, the banking pin is not properly placed, the balance will go too far and the tooth slips over the wrong lip of the cylinder and catches, so that the balance is held fast and cannot get back. Sometimes overbanking may be caused by a worn out cylinder or by one that has been worked on the shell of which has become too small, so that the remaining part is barely half a circle. In such a case it is better to turn in a new cylinder. If the vibrations of the balance are small a second banking stud may be inserted in the cock, but of course this increases the danger of butting.

**QUESTION No. 244.—Oil Dissolving Liquids.**—*What are the best materials to dissolve fat oils; for instance, to remove fat spots from cloth trays or the counter's cover?* G. G.

**ANSWER:**—All fats without exception dissolve easily and thoroughly in ether, benzol (benzine), chloroform and bisulphide of carbon. They are not soluble in water and do not mix with it.

**QUESTION No. 245.—How to Gild Silk or Ivory.**—*How are small ivory objects gilded and how is it done on silk?* S. R. A.

**ANSWER:**—Silks, bone, ivory, satins, woollens, etc., may be readily gilded by immersing them in a solution of neutral trichloride of gold (1 part of the salt and 3 to 6 of water) and then exposing them to the action of hydrogen gas. The latter part of the process may readily be performed by pouring some dilute sulphuric acid on zinc or iron filings, in a wide mouthed bottle and placing it under an inverted jar or similar vessel at the top of which the articles

to be gilded are suspended. Flowers or other ornamental designs may be produced by painting them on the surface with a camel's hair pencil dipped in the solution. The design, after a few minutes' exposure to the hydrogen, shines with all the splendor of the purest gold and will not tarnish after washing or exposure to the air.

**QUESTION No. 246.—French Gray.**—*Will you, please, inform me through THE JEWELERS' CIRCULAR—WEEKLY, the method and solution used in coating articles with French gray?* G. W.

**ANSWER:**—There are several methods which can be used according to the shade desired. One way is to give the article a "quickenig coat" by means of a solution prepared by dissolving an ounce of nitrate of mercury in a gallon of water. The silver article is either immersed with a freshly made but very dilute solution of liver of sulphur. Another method is to give a full black by means of platinum chloride and then to reduce as desired by means of stripping in a cyanide solution. Still another plan is to dip the silver article in a solution composed of chloride of lime and water. Such effects are almost invariably on silver which has been subjected to a satin finish or a sandblast process.

**QUESTION No. 247.—Green Turquoise.**—*Why do turquoise become green? How can they be restored to their original blue color?* S. R. A.

**ANSWER:**—Turquoise are said to become green by age, but it is more probable that the green color is due to grease which accumulates on them. Turquoise are very porous and are readily impregnated by liquids. When green spots appear and they have not penetrated far into the stone, the color can sometimes be restored by allowing them to remain in a solution of equal parts of alcohol and ammonia, or embedding them for a time in fuller's earth moistened with alcohol or water. Petroleum ether is also a good dissolver of oil and grease spots. If the grease or oil has penetrated far into the stone it is useless to attempt to remove it as it would only crack or whiten the stone which in fact does not improve its appearance. Great wealth awaits the inventor who discovers a receipt to restore green turquoise to their original color. Sometimes, however, the change in color results from a natural change and hence this beautiful gem cannot be guaranteed, although the owners of the American mines replace any stones that change color within six months. In a coronation chair in the Kremlin are several old turquoise some of which possess a beautiful shade of blue, while others in the same chair have changed to green. Turquoise has been found all the way from Colorado to Peru.

**QUESTION No. 248.—Transfer Paper.**—*In your answer to Question No. 200 you speak about photo transfer paper. Please inform me where such paper can be bought and how to print, tone and fix it.* G. O. P.

**ANSWER:**—Some time ago we used the Eastman's Transferotype Paper to make the pictures described. Desiring to give you correct instruction in case of any change being made in the manufacture of that paper inquiries were made at the manufacturers, who said that they no longer manufacture paper of this description, neither could they furnish the name of any concern which does. The pictures made on watches now are generally made by transfer paper in using the carbon process, which operation is generally kept secret by those who make a specialty of that business. We could describe this method, only we think we would go a little outside the sphere of our department by so doing.

**QUESTION No. 249.—French Clock.**—*I have a new French clock; it will lose two hours a week and if I screw up the pendulum ball  $\frac{1}{4}$  turn it will gain about two hours a week. The pinion which carries the hands is plenty tight enough. Can you suggest what might be the matter with it?* R. E. G.

**ANSWER:**—The regulating of French clocks, which generally have very short pendulums, is not done by the ball or better pendulum bob, but by the regulator, which you will find above the cipher 12 on the dial. In turning to the right the change will be made to accelerate and in turning backwards or to the left you turn to retard. A turn on that regulator square may sometimes be equal to one-tenth of a turn of the pendulum screw. By using that square intelligently you should be able to regulate the clock to at least half a minute a week. French clocks generally run 14 days without winding. It is, however, better to wind them every eight days. Care must be taken that the movement be thoroughly fixed in the case, so as to prevent it from turning and coming out of beat when the mainspring is wound up.

### The Value of Aluminum Gold.

**NEW**, remarkable properties of aluminum are still being discovered, says *Ores and Metals*. Its lightness, ductility and strength are well understood, but even these qualities are being constantly developed and enlarged. Mixed with a small quantity of gold a beautiful ruby-tinted metal is produced that can be used for decorative art.

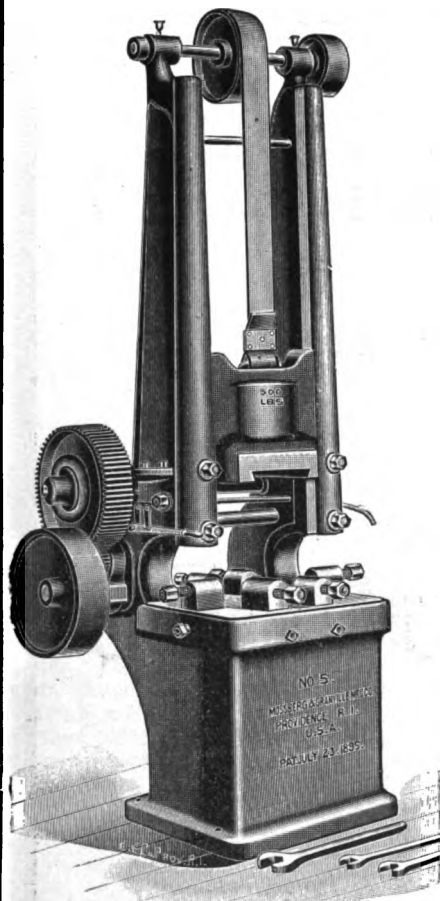
It is said that a comparatively thin sheet of the metal will turn a bullet. Wire has been drawn from it as fine as and not much heavier than a fine silk fiber. In violins it produces a tone as fine as the most perfect Stradivarius.

The racing shells made of it are constructed of sheets of only one-nineteenth of an inch thick, that are as strong as an inch board and less liable to break. It does not tarnish, and acids have no effect upon it. Race horses are shod with it. Wounds are sewn up with the wire.

J. S. Stiely, jeweler and watchmaker, 1035 Lehman St., Pottstown, Pa., has a peculiar clock on exhibition in his show window. It is composed of only dial and hands and keeps correct time. Mr. Stiely manufactured it himself and calls it a secret automatic clock.



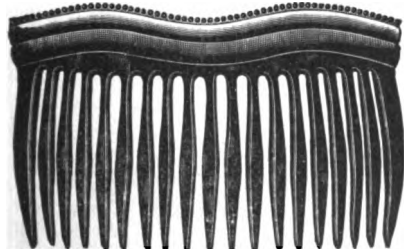
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### THE RAMBLER'S NOTES.

WHAT THE RAMBLER SAW AND HEARD AMONG THE DEALERS IN ART POTTERY, CUT GLASS, BRONZES, ETC.

#### STRIKING FINISHES ON BRONZES.

**B**RONZES in art nouveau styles are unusually popular with the Fall buyers, and the line of these goods carried by L. Straus & Sons, 42 Warren St., New York, surpasses any previous assortment carried by this house in former years. In color, size and general excellence of design and workmanship the pieces now shown are thorough works of art. A feature of the season's bronzes is the remarkable variety of colors and finishes. There is the Persian, the violet and the antique as distinct new shades, and a host of other blended colors ranging from green and burnished silver and gold to the deepest black. Another feature of the new line is the high and pronounced colors given to the drapery of statuary. Figures in darkest finishes will have a clinging drapery of shaded violet or antique green. Another style is a dark burnished bronze enshrouded in a winding sheet of silver hued or blended green shading into deeper colors. The effect of these finishes is striking and pleasing, and the goods are finding a ready sale with jewelers.

#### A POPULAR AMERICAN POTTERY.

**T**HAT ceramic art in the United States is not yet out of its infancy, and that the beginning of a new era in the manufacture of high art pottery is dawning, has been often declared recently by connoisseurs, and those who have seen the new ware called Feroza faience, manufactured by the J. B. Owns Pottery Co., Zanesville, O., will no doubt agree with this statement. Many of the leading dealers in art goods in the vicinity of New York who have visited the New York show rooms of the company, 68 W. Broadway, merely to see this ware, have been practically unanimous in comments of approval. Nowhere near the limit in quality has yet been reached in the production of this pottery, but the results so far attained are more than satisfactory, for the reason that they show great possibilities. Feroza faience is nothing more or less than a one color ware in raised and ribbed designs and finished with an iridescent effect. The color varies from a dark drab green to almost a jet black, and the whole make-up of the pieces reminds one strongly of ancient metal. No one from a superficial examination would ever believe that the ware was made from clay. There is enough metal in the finish of the ware to allow an

electro deposit of gold or silver, and it is this feature that suggests so many possibilities. After the potter has finished with the pieces and left them works of art, the silversmith and jeweler can enhance their richness and beauty by adding metal decorations in many shades of color, by depositing gold and silver. This has already been done by a number of silver concerns with great success. The ware by itself, however, as it comes from the factory is beautiful, subdued in shade and artistic in its general effect.

#### GLASS NOVELTIES FOR FALL.

**M**ANY novelties in Bohemian glass are appearing this Fall, and among the concerns carrying the largest and most varied stock of this glass should be mentioned Ferd. Bing & Co.'s Successors, 10 Washington Place, New York. The Vesuvian glass displayed by this house is made up in odd shapes and has an artistic and pleasing Formosa finish. It is ribbed with darker colored glass and decorated with silver ornamentations. Another variety of Bohemian glass is called the Astaera and is new this season. It is very light in color and is dotted with dark brown spots indented below the surface of the glass. In addition to these two distinct styles there are a number of odd pieces in subdued shades, ornamented with stripes or dots of a color differing from the body shade of glass and surmounted with silver, copper and pewter.

#### NEW FINISH IN FINE LAMPS.

**T**HE Consolidated Lamp & Glass Co., 56 Murray St., New York, is now offering an especially attractive line of lamps and shades. The crystal silver lamp, the latest product in colored lamps made by the concern, is becoming very popular, and while it will probably never have the run that was enjoyed by the handsome styles of copper and ruby finish, it has proved a successful seller from the time of its initial appearance. This style of lamp, like the most of the recent popular varieties, comes in plain, undecorated designs and is devoid of any other color. The glass is iridescent in finish and is the color of a silver pearl; its surface is ribbed and raised in relief designs. In shape it does not differ materially from the ordinary parlor table lamp, except, perhaps, that it is taller and more on the Grecian style than usual. Its metal trimmings are of sterling silver or nickel. The crystal silver effect is also used in decorating globes.

THE RAMBLER.

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Original Art Pieces,

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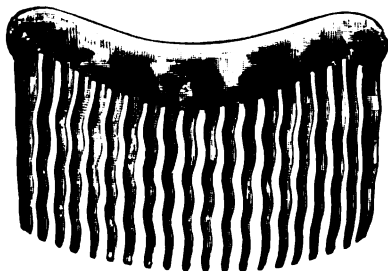
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### German Glass Exhibition.

WASHINGTON, D. C., Sept. 17.—Consul J. F. Monaghan, at Chemnitz, reports that during the third week of July the annual meeting of the German Guild of Glass Workers, including manufacturers of and dealers in glassware of all classes from all parts of the empire, was held in Chemnitz. These annual meetings, known as the Deutscher Glasertag, or Glaser Fachaustellung, ought to afford a good opportunity for the display of American glassware. Elaborate exhibitions of German goods are made and consultations held for the purpose of estimating present trade conditions and future prospects.

Among the more important exhibits at Chemnitz were artistic glassware, including paintings on glass and graceful moldings, machinery for glass manufacture, glass letters, cases and miscellaneous ware of all kinds. The work of the pupils attending the local glazier schools was of interest. German dealers also exhibited a variety of American opalescent, cathedral and ornamental glassware, as well as rosettes and brick and plates of glass.

The exhibitions last about one week, thus affording ample time for the display of wares. Representative men in the glass business from all over Germany are present. By appealing to them directly the importer can, at a small cost and with little trouble, ascertain the success which his articles are likely to have. Many valuable suggestions can be gained from the criticisms of professionals, while German tastes in this line can be learned from the extensive display of many classes of goods all under one roof.

Last year the Guild of Glass Workers met at Mainz; next year the meeting will be held at Gorlitz, in Silesia, during July.

### Technical School for Glass Decorators and Engravers.

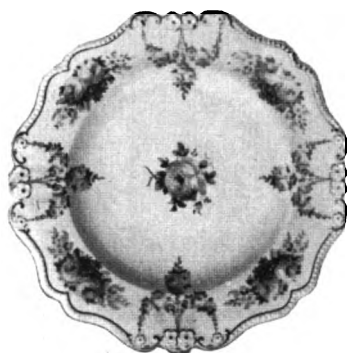
IN Haida, Austria, says an English trade journal, the Royal Technical School for the Glass Industry gives instruction in the various branches of decorative art for porcelain and hollow glass ware, viz.: engraving, painting and drawing, a public museum and copying room containing ceramic and glass articles, as well as a school for Sunday instruction and a Wednesday and Saturday preparatory class, being also included.

During the past year 45 regular students attended the technical school, 46 the Sunday classes, 31 the copying room, 51 the preparatory classes and 26 the popular lectures on chemistry; total, 206.

An exhibit of Oriental porcelains, said to be one of the finest in the country, consisting of the collection of the late Dr. Francis W. Lewis, was thrown open to public view at Memorial Hall, Fairmount Park, Philadelphia, recently. The collection, comprising between 300 and 400 pieces, represents years of work upon the part of Dr. Lewis. A piece of particular interest and great value is a "peach blow" vase of very delicate coloring. Some pieces are 400 years old.



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It is a matter of knowledge with jewelers handling fine china that B. & D. carry the largest line of high grade decorated English China Plates in America. Something like 200 kinds now exhibited. From Coalport, Mintons, Doulton, Wedgwood, Old Hall, Copeland, Cauldon and other factories. Teas, A. D. Coffees, Bouillons and other articles as well.

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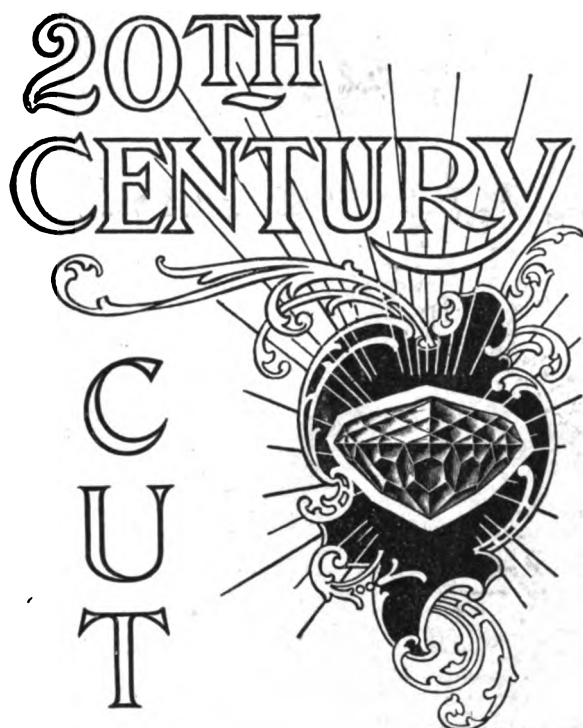
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103 STATE STREET, CHICAGO.**

## Marble and Marble Products in Hungary.

WASHINGTON, D. C., Sept. 4.—Frank D. Chester, United States Consul at Budapest, recently submitted the following report on the marble products of Hungary:

"The daily papers report that in Gyergyó, a town in one of the Transylvania counties of eastern Hungary, there is great poverty and famine among the Szekler inhabitants. Yet that district is full of a rich material that is in constant demand, viz., marble.

"The marble quarries of Greece, it is said, are exhausted, hence the decadence in architecture, art and stone industry in that country. Upper Italy now supplies the world with its products. Marble is also found in the District of Laaz, in the Tyrol, near Italy, and in Silesia, one of the northern provinces of the same Empire.

"Transylvania, the eastern portion of Hungary, is rich in marble of the finest qualities; yet Hungary imports almost \$600,000 worth of marble every year, mostly in the form of gravestones. The Hungarian stone industry has developed but little, though there is a steady demand for everything in the marble line from the neighboring country of Russia. All its churches, palaces and public buildings are profusely decorated with marble, which, owing to the lack of Russian quarries, has to be imported. As there are no high grade quarries in Servia, Bulgaria or Turkey, the opening for Hungarian marble is considered most promising. The results obtained with Hungarian marble in the new Parliament House and Palace of Justice at Budapest are admirable.

"A peculiar fact about marble—perhaps more true in Europe than in America—is that objects made of this material remain intact through long periods of time, unless transhipped to countries of different climate. Objects of Italian Carrara brought to Hungary are easily ruined by the elements, although they are often protected by wooden coverings.

"It is proposed to put the Szekler people of Transylvanian Hungary into possession of tools of the finer sort, such as are required in marble work. There are already two State industrial schools in Szekely and these will be supplemented by workshops in the districts where the marble is found. The output will, it is believed, finally exclude the foreign product.

"During the year 1900 Hungary imported from Austria "Karst" marble, crude and rough cut, to the amount of 955,253 pounds, at a value of \$5,277.59.

"Other marbles, crude, rough cut and marble dust, were imported from the following:

Whence imported.	Quantity. Pounds.	Value.
Belgium .....	2,278,454	\$31,470.08
Italy .....	2,065,489	22,822.88
Austria .....	1,033,737	7,604.94
Servia .....	178,132	1,312.19
Germany and Luxemburg..	144,622	1,065.34
France .....	61,288	677.21
Trieste .....	22,928	168.90
Roumania .....	220	3.05

"It will be seen from the above table that the average value of the Karst marble was only 55 cents per 100 pounds and that the average value of the other marble imported varied, as follows: Belgian and Roumanian, per 100 pounds, \$1.38; Italian and French, \$1.10; all other countries, 74 cents."



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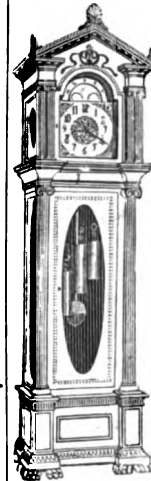
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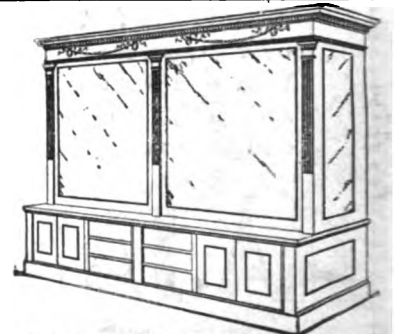
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